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MEYER BROTHERS DRUGGIST

PUBLISHED MONTHLY IN THE INTERESTS OF THE ENTIRE DRUG TRADE.

VOL. XXV. NO. 11. ST. LOUIS, NOVEMBER, 1904.

DRUGS, PAGE 38; GLASSWARE, PAGE 51; LIQUORS, PAGE 53; OILS, PAINTS, ETC., PAGE 54.

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C. F. G. MEYER, PUBLISHER.

H. M WHELPLEY, Ph. G., M. D., - - - - - - Editor.

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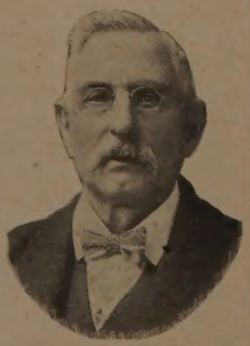

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Vice-President A. Ph. A.,
Mobile, Ala.

Editorial

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Herman Fry, president of the Illinois Pharmaceutical Association and a retail druggist of Chicago, greets the readers of the MEYER BROTHERS DRUGGIST from the frontispiece of the November issue. Mr. Fry is also an active member of the A. Ph. A.

The International Pure Food Congress convened in St. Louis last month with the largest attendance and the most enthusiastic gathering which the organization has ever held. Practically every branch of trade affected by the proposed laws was represented. A careful review of the proceedings makes prominent the fact that legislation is very likely to be secured in the near future. The papers and discussions also developed in a forcible manner a better understanding of the conservative laws which must be framed. It will not do to enact regulations framed by men with a single idea. The manufacturer, the wholesaler, the retailer and the consumer must all be taken into consideration. The laws must be conservative to an extreme and apply only to such adulterations, substitutions and sophistications as have been fully proven injurious to health. At one time, all substitutes for butter were considered injurious simply because they were intended to replace the natural product. A large proportion of the public continue to argue along the same old line. The facts are that many substitutes are superior to natural products. Of the many features of the congress which interest the thoughtful observer, none stand out more prominently than the fact that the industries of the world, as far as food stuffs are concerned, are largely dependent upon technical manipulations which would be subject to startling changes if the pure food laws originally proposed were actually placed in operation. At the recent congress were found not only manufacturers, but representatives of boards of health, delegates from municipalities, government officials, expert chemists, educators and journalists.

The N. A. R. D. and the A. Ph. A.—The National Association of Retail Druggists sprang into existence six years ago owing to conditions which had long

been recognized by the American Pharmaceutical Association and through recommendations which prominent members of the A. Ph. A. had made at more than one meeting of that organization. The A. Ph. A. has taken a fatherly interest in the welfare of the N. A. R. D. and a parental pride in its success from the very start. Thus, it was fitting, indeed, that the president of the A. Ph. A. came as the guest of the N. A. R. D. when that association returned to the home of its birth in St. Louis, last month. President Beal extended the congratulations of the A. Ph. A. and with them mingled a review of trade conditions which held the closest attention of the members of his audience. The usual formal greetings of such an occasion developed into an address which is destined to become historic in pharmaceutical affairs. It is with much pleasure that we publish the document in full, and we commend it to the careful reading of both A. Ph. A. and N. A. R. D. members. Those pharmacists who have not as yet become affiliated with both organizations are the ones who can profit to even a greater extent by the good advice which Dr. Beal gives in a pleasing but forcible manner.

Be Careful.—This time the medical profession as well as the pharmaceutical world is cautioned by a mistake in a prescription which caused the death of the patient. A Boston physician wrote "drams" when he meant "drops" after tincture of opium in a prescription. The medicine was for an infant and the dose was not excessive for an adult, thus it escaped the scrutiny of the pharmacist. The judge held that the physician was excusable on the ground that he did not intend any harm. It was his fingers that failed to carry out the dictation of his brain and write drops as he had intended. The pharmacist was excused on the score of the dose being suitable for a grown person. If the physician had re-read the prescription, it is probable he would have detected his error. If the pharmacist had questioned the customer, he would probably have learned that the medicine was intended for a child. If the prescriber had followed the practice of those physicians who always designate on the prescription "man," "woman," "child," "infant," as the case may be, the dose would have aroused the suspicion of the pharmacist. The summary of the conditions causes us to repeat the caution, "Be careful," but the injunction brings little comfort to the bereaved parents.

The Interchange of Certificates between boards of pharmacy is as desirable a consideration as the drug trade can wish for at the present time. Now that every state and territory has a pharmacy law, the burden of re-registration, usually carrying with it re-examination when a clerk or proprietor moves to another state or territory, is being heavily felt. The A. Ph. A. at Mackinac Island, last year, appointed a committee which was instructed to arrange for a conference of boards of pharmacy at the Kansas City meeting in September. As a result, practically every section of the United States was represented and a permanent organization formed. Our readers must not expect an immediate interchange of certificates. The difficulties surrounding the plan are great, and much time will be required in bringing about the desired object. The conference has undertaken this work in earnest and is also interested in various other movements which will render pharmacy laws more efficient and their enforcement less objectionable.

Congresses at the World's Fair.—September was, indeed, a great month for meetings of organizations in St. Louis. The International Congress of Arts and Science was the largest convention of the kind ever held. It also brought together more men and women eminent in their callings than are likely to meet again for a generation. The International Pure Food Congress marks another event in the affairs which vitally affect the health of the world. A congress for the prevention of tuberculosis records the work of zealous scientists whose persistency is equalled only by the seeker after the North Pole but whose object is for the benefit of mankind wherever found. In addition to these conventions there might be mentioned a long list of gatherings of a more purely commercial nature, such as the International Association of Advertisers and gatherings of those interested in special trades and professions.

The Congress for the Prevention of Tuberculosis has as laudable an object as any gathering which has occurred or will be formed during the World's Fair. Physicians and students from all sections of the world gathered in St. Louis last month for the purpose of discussing the great problem of preventing tuberculosis. It is estimated that 450 deaths daily occur from this dread disease. The very fact that it is so prevalent causes the public to look upon it as being less serious than it really is. The net result of the congress is that the public must be educated along sanitary lines. They must realize the necessity of destroying the sputum and preventing the spread of tuberculosis. Scientists are endeavoring to find some means of combatting tuberculosis when it has a hold upon the victims. In this regard the advance is very slow.

The Advertising and Offer List which appeared in the October issue of the MEYER BROTHERS DRUGGIST has called forth an unusual number of pleasant comments. Several of our subscribers have informed us that they consider that single issue of the journal alone worth the price of one year's subscription. If any of our subscribers fail to receive that issue or would like an additional copy for a special file, we will be glad to accommodate them.

Hydrastis is becoming scarce and we suggest that some of those enterprising persons who devoted so much time and energy to ginseng now turn their attention to the raising of golden seal. Persons in a position to judge assert that much higher prices than the ruling market is likely to be reached and maintained upon hydrastis.

STRAY ITEMS AND COMMENTS.

The Massachusetts College of Pharmacy has profited to the extent of $50,000.00 by a recent donation.

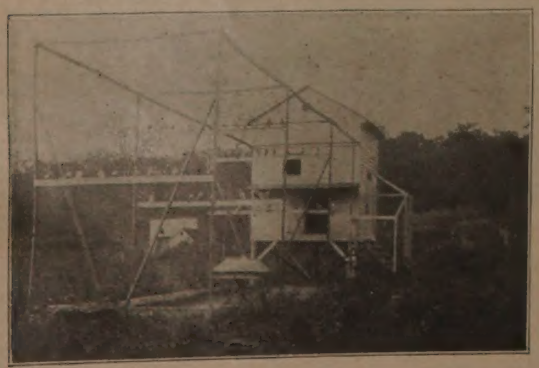
Local Newspapers containing marked items or news interesting to the trade are always welcomed by the editor.

The N. D. Bd. of Ph. examined seventeen and passed eight applicants for registration at the September 20 meeting.

Now is the Time to look over the file of the MEYER BROTHERS DRUGGIST for 1904 in order to make sure that you have each issue up to date. The December number completes the volume and will form another useful volume in the reference library. We can, at present, supply back numbers for any month in 1904, but the reserve is likely to be exhausted before the year is over.

"An Abominable Nuisance," is the manner in which an English pharmacist regards the metric system, provided it becomes the legal standard in his country. He admits that the younger generation has become familiar with the system in the schools, but says it will fog the minds of old-timers like himself. He further argues that a change is unnecessary. We would remind him that death is a change which no one can escape, and the time is not far distant when those who oppose the metric system will meet with this final change.

Hommer Carrier Pigeons for physicians use. It seems that a new industry has sprung up in the raising and training of these birds for the use of physicians who are located in the country or have considerable country practice. They leave the birds with their patients who can attach a message to a ring on the leg of the bird, and it is soon delivered to the physician. The following illustration is of a pigeon farm in St. Louis County, Mo., where a large number of Hommer carrier pigeons are raised and trained.



From Pharmacy to Law.—Mr. Glyn-Jones was born in Worcester, Eng., in 1869. He entered in business as a pharmacist on his own account in 1893. He became deeply interested in trade affairs and so active that material results in obtaining living prices have followed his work. He met with legal obstacles, which caused him to study law. The taste of the legal profession was attractive, and in March, 1904, he passed the final examination in law, and last June was called to the bar. October 5 the pharmaceutical profession of England tendered Mr. Glyn Jones a testimonial dinner. It was an elaborate affair, attended by 150 interested parties. The occasion was a fitting tribute to Mr. Jones for the work he has accomplished in the interests of pharmacy, and we surmise from the tenor of the speeches that this new member of the bar expects to devote much of his energies to those legal questions which particularly affect the calling of the pharmacist. Those of our readers in this country who have realized the injustice of many of the legal enactments regulating their calling, as well as realized the desirability of other laws to protect their interests, would welcome a Glyn Jones in the United States. Who will turn his attention to the bar and devote his energies to the interests of American pharmacy?

The Metric Weights and Measures bill which has been read for a third time in the House of Lords affects only the United Kingdom. It does not apply to the English colonies. It allows three years before the metric weights become compulsory, six years for metric measures and ten years for metric land measurements. It is taken for granted that in case the bill becomes a law the United States will follow the example. The following information in regard to the use of the metric system throughout the world is taken from the British *Trade Journal*, of London, for September 1, 1904:

"The nonmetrical countries included in Greater Britain are as follows: Aden and dependencies, Australasia (including New South Wales, Victoria, South Australia, Queensland, Western Australia, New Zealand, Tasmania and Fiji Islands), Bermudas, British East Africa, British Guiana, British Honduras, Canada, Cape Colony, Ceylon, Channel Islands, Cyprus, Falkland Islands, Gambia, Gibraltar, Gold Coast, Hongkong, India, Lagos, Malta, Mauritius, Natal, Newfoundland, Niger, Sierra Leone, St. Helena, Straits Settlements, British West Indies, and Zanzibar. The nonmetrical countries outside of Greater Britain and the United States are: Abyssinia, West Africa, China, Crete, Liberia, Morocco, Pacific Islands, Persia, Philippines, Russia, Siam, Tripoli, Tunis, Turkey in Europe, and Turkey in Asia. The metrical countries are: Argentina, Austria-Hungary, Belgium, Brazil, Bulgaria, Chile, Colombia, Kongo Free State, Costa Rica, Cuba, Porto Rico, Denmark and colonies, Ecuador, France and colonies, Germany and colonies, Greece, Guatemala, Haiti, Dominican Republic, Netherlands and colonies, Honduras, Italy, Japan, Mexico Nicaragua, Norway, Peru, Portugal and colonies, Roumania, San Salvador, Servia, Spain and colonies, Sweden, Uruguay, Venezuela, and Egypt."

PUBLIC EXPRESSIONS.

Not Pharmaceutical Arithmetic.—I run up against a queer one.

9×1=9, 9×12345679 and you get 9 ones=111111111. 7×9=63, 63×12345679 and you get 9 sevens=777777777. 5×9=45, 45×12345679 and you get 9 fives=555555555. Just by leaving out the eights.—[W. BODEMANN, Chicago.

Improved Basham's Mixture.—On page 256, September issue MEYER BROTHERS DRUGGIST, I note the remarks of Professor Francis Hemm, as quoted by you, anent Basham's Mixture. Like nearly all pharmacists, I have had a great deal of trouble with Basham's Mixture, having "fallen down" on it time and again. I have been making it frequently, however, by a modified or improved method of my own, and have kept it indefinitely without any change.

I give you herewith my formula:

Basham's Mixture Based on U. S. P.

Ammon. carb., U. S. P	10 gms.
Water	530 c. c.
Elix. arom., U. S. P.	100 c. c.
Glycerin	120 c. c.
Acid, acetic dil., U. S. P	230 c. c.
Tinct. ferric chloride	20 c. c.
	1,000

Dissolve the ammonium salt in the water, then add the elixir and glycerin. Now add the acid, and when effervescence has ceased add the tincture ferric chloride.

This may be of service to some of your readers.—[H. G. POSEY, Shreveport, La.

The Hospital Corps, Fort Snelling, Minn.

(See MEYER BROTHERS DRUGGIST for October, page 286.)

1. Sergeant First Class, H. W. Riess,
2. Sergeant, J. F. Hammer,
3. Sergeant, Max. Radue,
4. Corporal, Otto Koch,
5. Private First Class, Claude R. Mills,
6. Private, Pearley P. Beal,
7. Private, Lewis Keller,
8. Private, Harry R. Slade,
9. Private, Henry C. Davis,
10. Private, Geo. W. A. Reed,
11. Private, Mac C. Brooks,
12. Private, Will N. Roth,
13. Private First Class, Leslie D. Thompson,
14. Private First Class, John Cart,
15. Private First Class, Lyman Hulen,
16. Private, Roland E. Preston,
17. Private First Class, Albert L. Picha,
18. Private First Class, John Fritz,
19. Private First Class, Hans Liebscher,
20. Private, Jos. D. Boyd,
21. Private First Class, Chas. Tessmer,
22. Private, Wm. H. Miller,
23. Private, Emery Parish,
24. Private First Class, Howard Runyan.

Private Henry Schwarzkopf, first-class, does not appear on the picture but is a member of the detachment who was absent on duty.

FROM A DRUG CLERK'S DIARY.

A Week's Experience in a Retail Drug Store in a Country Place.

BY HARRY N. FORCE, PH. G.

[Continued from Page 292.]

There are Doctors and Doctors.

What a world of difference there is in the characters of the physicians with whom a druggist deals. There is Dr. Beecher I have in mind, a big, broad-shouldered manly Christian gentleman. He has a quiet smile and a pleasant word for his patients, and the sunshine he brings into the sick room with him does as much good sometimes as the medicine he gives. The soul of honor, he naturally obeys the rules of medical ethics. No need to question him in regard to professional secrets which he should guard for he will not disclose them to you. Although managing the financial part of his profession in a business-like way, yet I never heard of his oppressing a poor man just because he could nor going to the extremes in the collection of his accounts. He discourages the use of his name in the papers in connection with his cases. He does not believe in this form of advertising, nor any other for a doctor except a plain business card in the local papers. He is usually quiet, reserved and sober, but has a rich vein of humor which he discloses sometimes to his intimate friends. Public spirited and generous, an honor to his profession and a help to his community. Long may he live and prosper.

There is another I have in mind, young Dr. Green. Pompous and self-important, selfish and grasping, he is quite a contrast to the generous-minded individual described above. He squeezes a dollar before turning it loose until the Goddess of Liberty blushes for shame and the eagle screams in agony. I have known him, when a poor farmer's wife lay at the point of death, to take a mortgage on the last cow the poor fellow had in payment of the doctor bill. There were helpless little children left to cry for milk but that troubled not the doctor's slumbers. Did it not add to his bank account? And what right had people to make remarks about it anyway? It was his business. It does him so much good to see his name in print. He reports his cases to the local papers so he may get the free advertising the mention of his name will give. To the winds with medical ethics or any other kind of ethics. Does it not add to his bank account? He depreciates the work of the other physicians in the presence of his patients. Even his old preceptor who has treated him with great kindness suffers from these attacks in the dark. In fact none of his friends are secure if their fall would mean his rise. Such is the character of number two.

And now for number three. Dr. Edim is an elderly German physician. He appears to have been well educated in his younger days, but his once brilliant intellect has been hopelessly drowned in drink. He has quite an extensive practice which he successfully treats with a very limited number of remedies. He has fallen into a rut from which he cannot or will not extricate himself. I filled two of his prescriptions today for a small-pox patient—small-pox brought from the public works along the new railroad south of here—and they are exactly the same as the prescriptions I have been filling for his typhoid fever patients, for his ague patients, for the rheumatism, for the gout—no, I did not mean that for none of his patients have the gout—but on and on through the whole category of ills the human flesh is heir to in his community and the doctor writes the same prescriptions for them all. It reminds me of a "piece" I learned to recite for a school "exhibition" in the happy days when I was a bare-foot boy down on the farm. It began something like this: "Ladies and Gentlemen: This bottle I hold in my hand contains some of my great asiatical, epilatical, panticurical nervous cordial that cures all diseases incident to the human family." And so with Dr. Edim, he has found the wonderful elixir of life, the great panacea for all human ills. And like all great discoveries, his is simple—consists of very common remedies. One of them is quinine sulphate placed in solution by the aid of hydrobromic acid. This I make up and keep ready for use in filling the prescriptions, labeling it "Edim's Favorite Prescription." The other most common one is an aqueous solution of ammonium carbonate. For years I have filled these prescriptions of his over and over and over again. And wonderful to relate this old doctor has as much success, seemingly, as the majority of physicians, and in his neighborhood he is called upon whenever the services of a doctor are required.

[*To be Continued.*]

The Headache Powder Did Not Work.

Little Girl:—Mamma says the powder you give her "for her head" didn't kill a single one.

QUIZ DEPARTMENT.

Read This Before You Ask a Question:

Many questions are thrown in the waste basket each month on account of the correspondents failing to give name and address. The editor has a large basket for such questions. Write questions on separate sheets and on but one side of the paper. No questions will be answered by mail. Spell out in full every word; never abbreviate the names of medicines.

Missouri Pharmacists (119) registered in accordance with the law of the state are exempt from jury duty.

Condy's Solution (120).—This is made by dissolving 32 grains of potassium permanganate in one pint of soft water.

The Missouri (121) Board of Pharmacy secretary is Paul L. Hess, Independence and Forest Avenues, Kansas City, Mo.

Schleich's Mixtures (122).—Dr. Carl Ludwig Schleich, of Berlin, recommends for general anesthesia a mixture consisting of:

Ethyl chlorid	½ part to 2 parts.
Chloroform	4 parts.
Anesthetic ether	12 parts.

He records that he has used this mixture in about 5,000 cases without any bad results.

Improved Tincture of Iodine (123).—According to M. Claret (Report. Pharm.), an improved tincture of iodine may be made by dissolving 1 gm. of iodine and 2 gms. of borax in 12 gms. of 90% alcohol. According to the author, the addition of the borax prevents the formation of hydriodic acid, which otherwise forms in the solution, and which is the cause of considerable irritation and pain when the tincture, as ordinarily made, is applied to the skin.

Shoemaker's Ink (124).—Extract of logwood, 5; yellow chromate of potassium, 0.6; brilliant black B., 1; anhydrous ferrous sulphate, 30; copper sulphate, 5; rain water, 450. Dissolve the extract in water, 200, by the action of heat; then add the chromate and the brilliant black. When these have dissolved, allow the liquid to cool. Meanwhile dissolve the ferrous and cupric sulphate in hot water, 250. Allow the solution to stand for eight days, decant and mix with thorough agitation.—[*Seifensieder Zeit.*, 30, 57.

Coated or Uncoated Pills (125).—A perennial question for discussion is whether or not pills should be coated when the prescription makes no mention of this point. It seems that pharmacists are by no means a unit in their action. While the proper course is largely a matter of opinion, we feel that every pharmacist should state plainly upon the prescription whether or not the pills are coated, and, if coated, with what substance. This will enable the person refilling the prescription to furnish the patient with pills similar to the ones first obtained.

Cement for Marble (126).—The *Badische Landes Zeitung* says that an excellent cement for broken marble consists of 4 parts of gypsum and 1 part of finely powdered gum arabic. Mix intimately, then with a cold solution of borax make into a mortar-like mass. Smear on each face of the parts to be joined and fasten the bits of marble together. In the course of a few days the cement becomes very hard and holds very tightly. To get the best results, the object mended with the cement should be left absolutely quiet for several days, not touching or moving it. In mending colored marbles the cement may be given the hue of the marble by adding the color to the borax solution.

Resorcin (127) is a diatomic phenol. It comes in the trade as colorless or faintly reddish needle-shaped crystals. They have a faint, peculiar odor and a disagreeable sweetish and afterwards pungent taste. Resorcin acquires a reddish or brownish tint by exposure to light or air. The Pharmacopœia directs that resorcin be kept in dark amber-colored vials, well stoppered. Two parts of resorcin are soluble in about one part of water or alcohol. It is very soluble in boiling water or in boiling alcohol. It dissolves readily in glycerin. Resorcin is closely allied to carbolic acid (phenol) in its physiological action. It is used as an antipyretic. It is also used as a parasiticide in various skin diseases. The dose is two to five grains. For the mucous membrane a solution is used, varying in strength from one to twenty per cent. An ointment is usually made for the skin, and varies in strength from five to thirty per cent.

Mending Broken Negatives. (128) *Photography* answers a similar question as follows: "Broken negatives are sometimes a source of great trouble, since they may be of subjects that are absolutely irreplaceable. If the glass only is broken and the gelatine holds the pieces together, the film is usually stripped from the glass by processes which we have often enough described. But in some instances, architectural views, for example, it is almost impossible to avoid very obvious distortion, and when the film itself is broken, stripping is no remedy. M. Van Beek advises that the best thing in such cases is to break the negative right through, if it is not already broken, and to clean the broken edges carefully. The largest piece is then fastened to a glass plate with strips of gum paper, and Canada balsam diluted with xylol is applied to the edges with a brush. The other pieces of the negative are also touched at the edges with the balsam, and are then joined to the larger pieces, so as to fit exactly. In this condition the Canada balsam can be worked without heating. It has about the same index of refraction as the glass; and if the negative is carefully joined up, the internal surfaces of the cracks will no longer reflect any light, and the break will almost have disappeared. If any of the balsam gets between the negative and glass it does no harm, and the parts will adhere so much the better when the xylol evaporates. The surface is afterwards cleaned by rubbing it gently with benzine; when in the print the injured part will hardly be perceptible."

WORKING FORMULAS.

BY ALBERT E. EBERT, PH. M., PH D., CHICAGO.

Correspondence solicited. Numbered items are answers to questions. Also see Quiz and Prescription Case Departments.

Liquid for Removing Grease and Paint (42) stains from clothing.

Our preference is for the lighter petroleum products as a cleansing medium. Unfortunately the higher gravities of these petroleum ethers are not readily obtainable in the open market in less quantities than barrel packages. They are known as gasolines having a gravity of from 0.650 to 0.645, and are designated in the trade as 87° and 88° Baumé. The gasoline that is obtainable in the market by the gallon is stove gasoline, known as 67° Baumé, and has a specific gravity of 0.716, and is not of such purity as to fit it for use. The trade to be done in a good cleanser is by no means unimportant, and is worthy the best attention that we can give it. As the profit is large we can afford to put up the best procurable product for the purpose, and we would recommend to such of our readers who desire to put up a cleanser, to purchase a barrel of the 87° or 88° Baumé gasoline, bottle it at one operation, and store it away in a cool and safe place so as to avoid to a great extent the danger risk by its high inflammability. If thought desirable it may be perfumed by an addition of some essential oil like that of oil of cajeput, rosemary, lavender or camphor. We have used the following directions: Fold a piece of white cloth several times, which place under the article to be cleansed; apply the liquid eraser with a clean sponge or cloth, and afterwards rub with a dry, clean cloth; then expose to the open air.

Caution: The liquid eraser must not be used near a fire or light.

A Formula for Curry Powder (43) wanted, one that will resemble the imported kind. Formulas for this condiment are as numerous as formulas for genuine (?) "Eau de Cologne," and we may not be able to meet the request. However, we will give a number of formulas, from which a selection may be made to match the particular imported kind.

1	Coriander	8	av. ozs.
	Curcuma	8	av. ozs.
	Fenugreek	8	av. ozs.
	Black pepper	2½	av. ozs.
	Cumin seed	2½	av. ozs.
	Capsicum	½	av. oz.

Grind the whole of these substances together and pass through a moderately fine sieve.

2 Coriander,
Fenugreek,
Curcuma,
Cumin seed,
Black pepper,
Capsicum.

Prepare like the preceding.

3	Coriander	8	av. ozs.
	Curcuma	6	av. ozs.
	Black pepper	4	av. ozs.
	Ginger	2	av. ozs.
	Fenugreek	2	av. ozs.
	Cumin seed	½	av. oz.
	Capsicum	½	av. oz.

Prepare like the preceding.

4	Coriander	6	av. ozs.
	Curcuma	4	av. ozs.
	Cumin seed	2	av. ozs.
	Ginger	½	av. oz.
	Capsicum	½	av. oz.
	Mustard	½	av. oz.
	Fenugreek	½	av. oz.

Prepare like preceding.

5	Coriander	6	av. ozs.
	Curcuma	6	av. ozs.
	Black pepper	2	av. ozs.
	Mustard	2	av. ozs.
	Ginger	2	av. ozs.
	Pimento	1	av. oz.
	Cardamom	1	av. oz.
	Cumin seed	½	av. oz.

Prepare like preceding.

6	Coriander	4	av. ozs.
	Curcuma	4	av. ozs.
	Cassia buds	2	av. ozs.
	Fenugreek	2	av. ozs.
	Ginger	1	av. oz.
	Cumin seed	½	av. oz.
	Pimento	½	av. oz.
	Capsicum	½	av. oz.

Prepare like preceding.

7	Coriander	4	av. ozs.
	Curcuma	4	av. ozs.
	Fenugreek	2	av. ozs.
	Black pepper	1¾	av. ozs.
	Capsicum	½	av. oz.
	Caraway	½	av. oz.
	Ginger	½	av. oz.
	Pimento	½	av. oz.
	Mustard	½	av. oz.

Prepare like preceding.

8	Coriander	6	av. ozs.
	Curcuma	2	av. ozs.
	Black pepper	1	av. oz.
	Poppy seed	1½	av. ozs.
	Cinnamon	¾	av. oz.
	Cardamom	¾	av. oz.
	Capsicum	¼	av. oz.
	Cloves	¼	av. oz.
	Cocoanut, desiccated	8	av. ozs.

Prepare like preceding.

9	Coriander	4	av. ozs.
	Curcuma	4	av. ozs.
	Cassia buds	2	av. ozs.
	Fenugreek	2	av. ozs.
	Poppy seed	2	av. ozs.
	Mustard	1	av. oz.
	Ginger	1	av. oz.
	Capsicum	½	av. oz.
	Pimento	½	av. oz.
	Garlic	½	av. oz.
	Cocoanut, desiccated	4	av. ozs.

Prepare like preceding.

10	Coriander	6	av. ozs.
	Curcuma	3	av. ozs.
	Fenugreek	1½	av. ozs.
	Cumin seed	1	av. oz.
	Cinnamon	2	av. ozs.
	Capsicum	½	av. oz.
	Ginger	½	av. oz.
	Cardamom	½	av. oz.
	Pimento	2	drs.
	Black pepper	2	drs.
	Cloves	1	dr.
	Nutmeg	1	dr.

Prepare like preceding.

MICROSCOPY.

Microscopy Notes for Students.

BY DR. H. M. WHELPLEY, PH. G., ST. LOUIS.

Read at the Twenty-sixth Annual Meeting of the Missouri Pharmaceutical Association, June 14, 1904.

The following notes are prepared with a view of emphasizing certain points which seem to cause students difficulty in their college work. The notes are based on a number of years of experience in teaching microscopy to pharmacy and medical students. The information contained in the notes is in no way original, but I trust it is presented in a form which will emphasize the points covered and assist students in fixing the facts in their minds.

A Microscope is an optical instrument which enables us to see an enlarged image of a small, near object or a small portion of a near, large object.

Note that the image is always larger than the object or portion of an object to be viewed.

A Simple Microscope consists of one or more lenses so arranged that an erect enlarged image of the object may be seen.

Note that the apparatus may consist of several lenses or lens-systems. Some simple microscopes contain more lenses than do some compound microscopes.

A Compound Microscope enables us to see an enlarged inverted image of the object. It must contain at least two lenses. These are so arranged that the image formed by one lens or lens-system is again magnified by the second lens or lens-system.

Note that some compound microscopes are far more simple in appearance than are some simple microscopes.

Microscopy is the study of the microscope and its uses in the sciences, arts and industries.

Note the wide application of this definition.

"In Focus" is a phrase used when the relation between the object and the microscope is such that a clear enlarged image is obtained.

For low powers, the hand is sufficiently steady to hold an object in focus.

With high powers, the movement of the object the one one-hundredth part of a millimeter (1-2500 inch) will affect the focus.

Note the very delicate mechanism required to focus objects under a very high power.

Spherical Aberration is due to the fact that not all of the rays of light passing through a lens come together at the same point. It results in the formation of a blurred enlarged image.

The higher the power, the more apparent becomes the effect of spherical aberration.

Spherical Aberration is Corrected by shutting out the rays of light from the edge of the lens or by combining convex and concave lenses made of different materials.

Chromatic Aberration is due to the fact that rays of different color making up white light do not all come to a common focus. It results in giving a color to the bright spot seen in a microscope. The higher the power, the more noticeable this becomes.

Chromatic Aberration is Corrected by uniting convex and concave lenses made of different materials.

The Field is the light circular area visible through a microscope when it is in focus.

The Size of the Field decreases as the magnifying power increases.

As an example, the field under a power of twenty diameter will measure about 15 m. m. (3-5 inch) across, while a power of 1200 diameter gives a 1-5 m. m. (1-125 inch) field.

Note that only very small objects or very small portions of large ones can be viewed under high powers.

The Magnifying Power of a microscope is expressed in "diameters".

Thus, "100 diameters" means that the image is 100 times as long and 100 times as wide as the object.

In writing we express 100 diameters thus: 100 X or X 100 or 100 diam.

Note that the diameters or magnifying power of a microscope has no reference to the distance across or diameter of the field.

The Optical Parts of a microscope are the lenses. They are the essential and most important part.

The Objective is the name given the lens or lens-system nearest the object under a compound microscope.

The Ocular is the name of the lens or lens-systems of a compound microscope nearest the eye of the observer.

The objective forms an enlarged image in the body of the microscope, and this is magnified by the ocular.

The body of the microscope is blackened inside to prevent the reflection of the light rays. It should not be cleaned. Unfortunately, it is difficult to give a durable dull black finish to a brass surface.

The Stand of a simple or compound microscope is devised to hold the specimen steady, focus the lens upon it and furnish the desired illumination at the proper point.

Some stands are very simple and others exceedingly complicated.

To Alter the Magnifying Power, it is necessary to either (1) change objectives, (2) change oculars, (3) or change the distance between the ocular and objective.

The best results are obtained by changing the objectives.

With one good stand and an assortment of objectives, all the different powers can be obtained.

The Range of Powers in ordinary compound microscopes is from 20 to 2000 diameters

Low Powers range up to five hundred diameters.

High Powers are above five hundred diameters.

Simple microscopes to be focused by hand range from 3 to 20 diameters. Those focused by mechanical means range up to 100 diameters.

Simple microscopes are useful in dissecting small objects, as the image is not inverted.

The Magnifying Power of each combination of objective and ocular possible with the microscope should be determined as soon as an instrument is purchased.

If you do not know the power employed in the examination of an object you can not judge of its size.

The Human Red Blood Corpuscles is a convenient object to study under each power in order to be able to judge of the relative size of other objects. The corpuscle is about 8μ (1-3000 in.) wide.

WORLD'S FAIR.

St. Louis, April 30 to November 31, 1904.

To Tour Boer War Under Present Management.—The one question that all visitors to the World's Fair ask before leaving is: "Will the Boer War go on the road?" and it is the universal opinion that this great war spectacle can not fail to be an even greater success on the road than it has been in St. Louis.

For some time it has been an interesting question to St. Louisans as to who will be associated, financially and otherwise with the road tour. A statement was given out last night by the directors of the Boer War company, to the effect that the present company will control the touring during the season of 1905. It is the intention of this company to present the now famous Boer War spectacle in all the large cities of America, including Chicago and New York.

Manufacturers Building.

Wittemore Bros. & Co.'s exhibit, section 19A, is characteristic of its world wide fame as the greatest producers of shoe polish, whose excellency for quality towers above all, as well as the artistic display of its great variety; the booth is set off by rich texture of green and gold, giving a brilliancy unsurpassed. Their luxurious chairs are inviting to all.

Educational Building.

H. K. Mulford Co., St. Louis.—One of the most interesting of the exhibits is that displayed by the H. K. Mulford Co., of Philadelphia. It includes many instructive features which will be of especial interest to the trade. They have what is probably the most complete set of models showing the different stages and types of smallpox and diphtheria; also a number of transparencies showing scenes in the production of vaccine and diphtheria antitoxin, which, if examined carefully, will practically take the observer on a trip through their magnificent biological laboratories at Glenolden, Pa. There is also a display of antidysenteric serum. This firm has been doing the practical work on this serum in connection with Dr. Flexner's experiments, and are now supplying it to the trade. The exhibit as a whole is arranged well, and is worth seeing. They have accommodations for those who wish to do any writing.

Palace of Varied Industries.

The United States Playing Card Co., of Cincinnati, are located at Sixth and C Streets. The interesting exhibit contains a collection of playing cards from the Twelfth Century down to the present time. This collection is interesting, even to those who can not tell the jack of diamonds from the ace of spades. The early English cards, with their educational backs, attract the most attention.

Esterbrook Steel Pen Co., Camden, N. J.—The exhibit (block 8) is tastefully arranged in fine oak and plate glass cabinets. Prominent features are handsome designs worked in pens; one piece being an owl worked on cloth with the words "The Wise Use Esterbrook Pens." Another striking piece is a large calla lily worked in pens and enclosed in a handsome frame. Two quartered oak and plate glass show cases contain a fine display of these well known pens, beautifully arranged in fancy trays. Mr. J. F. Barnhardt and Mr. A. H. Steadman will be there during the term of the Exposition. The booth is nicely furnished, chairs, desks and stationery there for the use of their friends; and the trade generally are invited to avail themselves of the facilities offered to do their writing there or leave packages or grips during their visits.

Palace of Liberal Arts

The Hindoo Eye-Lid Lifting Feat in Mysterious Asia shows that there is no exhausting the resources of ingenuity among the Asiatic jugglers.

The Old Druggists' Ledger and general drug book of 1781, which is on exhibition in the British Section (61), is a study for all who are connected with the drug trade.

The Wellcome Chemical Research Laboratories and the Wellcome Physiological Research Laboratories are well represented at Nos. 15 and 14, in Group 23, of the British Chemical Section. The exhibits are worthy of special study.

National Lead Co., St. Louis, Block 65, Aisle 8-H.—The display consists in finished products as well as showing the raw materials from which they are made; the miniature corroding stack also gives an idea of the way the white lead is corroded. Samples of the various kinds of red lead and litharge can be seen at the booth.

Mr. J. Simon's booth in the French perfumery section (Liberal Arts Building).—No doubt, but that many of our readers have already visited or will visit this exhibit some time during the Fair. An attractive lady is in charge and visitors never leave empty handed, either receiving very liberal samples of the celebrated Creme Simon, or a sachet of Simon's Face Powder, likewise attractive booklets, entitled "Views of Paris."

It was in 1860 that Mr. J. Simon first discovered the product named Creme Simon and which today can be found at leading druggists in all parts of the civilized world.

Creme Simon was exhibited at the New Orleans Exposition of 1886, where it secured a gold medal; in Chicago, 1893, it was classed "Hors Concours," French perfumery section and it again obtained the Paris 1900, gold medal.

Its sales in the United States are increasing very rapidly, the importations for the first six months of 1904 being equal to 83% of last year's total importations.

Our readers can obtain the illustrated price-list and samples by addressing the United States representative, Mr. Geo. J. Wallau, 2 and 4 Stone street, New York City, who likewise represents the well-known Carabaña Aperient Water.

PHARMACY OF TODAY.

The A. Ph. A. and the N. A. R. D

BY J. H. BEAL, SCIO, OHIO, PRESIDENT OF THE AMERICAN PHARMACEUTICAL ASSOCIATION.

Delivered by invitation at the Seventh Annual meeting of the National Association of Retail Druggists, St. Louis, October 14, 1904.

MR. PRESIDENT AND MEMBERS OF THE N. A. R. D.:

It is With Especial Pleasure that I bear to you the greetings and good wishes of the American Pharmaceutical Association. For many years before your delegates met in council to form this organization the American Pharmaceutical Association had urged such a step. That association believed that the nature of its organization, the diverse elements of which it was composed, and the peculiar nature of the work which it was formed to do, were such that it could not hope to deal with purely trade problems with such directness as the nature of the case demanded, nor with such efficiency as an association formed specifically for that work. The excellent results which you have accomplished have more than justified the wisdom of that decision, and each year as the delegates from your body report the progress which you have made, our association takes fresh pride in remembering the part which it had in the formation of your organization, and that so many of our most valuable members are also enthusiastic workers in your ranks.

We Shall Not Lightly Forego Our Parental Claims, and I assure you gentlemen that you will do the American Pharmaceutical Association far less than justice if you do not credit it with having as hearty and lively an interest in the success of your efforts as you have yourselves.

Another Reason why it is a pleasure to me to be present and to extend these congratulations is that, as president of the State Pharmaceutical Association of Ohio, I had the honor to appoint the delegates from that state who took part in your initial meeting in this city six years ago, and was privileged to be present in person and to share to some extent in your deliberations on that occasion.

The Work Already Done by the N. A. R. D.

The Improvement In Trade Conditions which you have been able to effect, notwithstanding your limited membership and the inadequate financial resources at your command, has been equal to if not greater than the accomplishment of any other similar organization within an equal space of time. Doubtless you have failed in some things; it would be a cause of wonder if you had succeeded in all: perhaps you have been mistaken in some of your policies; it would be marvelous if you had not. You have had to attack new problems and to discover for yourselves the means of their solution, to sail uncharted seas, and the man who, without being a member and ardent supporter of your organization, yet presumes to criticise you for what you have done or omitted, only publishes abroad his own dereliction from duty.

In view of these obstacles which you have had to overcome, the wonder is not that you have not been able to accomplish more, but rather that you have been able to accomplish so much.

The Indifference of the Retailer to the Power of Organization.

An old philosopher has told us that the gods help those who help themselves, and just as certainly is it true that the powers of destruction have marked for their own those who remain supinely still while their trade is juggled away from them and their profits are reduced to the vanishing point.

I do not believe there is another class of men upon the whole wide surface of this oblate spheroid who have been so neglectful of their own interests or so slow to avail themselves of the power which comes from organization as the retail druggists.

One Can Understand Why the Enemies of the Retailer might decry the efforts of the N. A. R. D., and prefer its failure to its success, but that the retailer himself should withhold his approval and hearty co-operation surpasseth human understanding. One who should inform the manufacturers, the wholesalers, or any other branch of the pharmaceutical body politic, that they did not need a strong and active trade organization to safeguard their interests would be met with a smile of derision. From their larger view of the field of trade, and their greater experience with the necessities of modern commercial competition, they have learned that combination and co-operation are essential to business prosperity. If these strongly entrenched interests need the championship of closely knit trade organizations, how much more does the retail branch, which is so much more open to attack and so much less able to withstand assault, need the activities of such a body as yours?

But some poor, despairing soul replies, "What's the use! We are weak and poor, and our adversaries are rich and strong. We can't do anything!" But this is only one step from the philosophy of fatalism, which asks, "What's the use of anything?"

On our own part, we might ask, what is the use of the pessimist? and the answer would be that he has no use except to breed other sorrowful souls like himself.

The Pessimist Has Never Accomplished Anything Worth Doing, and never will. We might search the whole wide surface of the earth for a monument to pessimism and find it not. Pessimism has not created a church, nor built a college, nor founded a state, nor established a business, nor accumulated a fortune, nor done anything but feed upon itself, extracting bitterness from the good things of earth, and finding flaws in the works of other men. In all the world's history not one solid achievement can be placed to the credit of the man without a hope. Ever since early man hunted along the retreating ice front of the glacial period, it has been the optimist who has done the things worth while. All the triumphs of civilization are his, and though the optimist may sometimes reach the foot of the rainbow without finding a crock of gold, his

search has taken him over the mountains and across the valleys where other treasures are hidden.

The Poverty and Weakness of the Retail Druggist are inseparably connected. He is poor because he is weak, and he is weak because he has neglected to avail himself of the strength which comes from association. Under the harsh code of commercial competition, the class which is weak will always be poor.

The Druggist's Pessimism is Bred by the Mustiness of His Shop. The great problem before us is to crack the shell of sullen apathy in which he is enclosed, and drag him from his cell of seclusion into the life and activity of the associations, local and national. Only by so doing can we hope to create that solidarity and sense of common interest that will weld the scattered units of pharmacy into an effective force that will be somewhere nearly equal to the power which they unconsciously possess, but which is useless because unorganized.

Acting collectively, the power which the retailers could exert would be irresistible: acting separately, their efforts would be as ineffectual for the betterment of trade conditions as the bombardment of a battleship with apple dumplings.

There is not a retail druggist within the limits of the United States who will not reap substantial benefits from the success and prosperity of your association, nor one who will not suffer real and material loss should you fail through lack of support.

That the mass of retail druggists should persistently withhold their support from the American Pharmaceutical Association and the N. A. R. D., the two great champions which have done and are still doing so great a work for their professional and commercial advancement can be explained only upon the hypothesis that they are possessed of that madness with which the gods are said to afflict those whom they have marked for destruction.

The Conservatism of the N. A. R. D.

One of the Strongest Claims Which Your Organization Has to the confidence of the sober-minded members of our profession, and a token which is prophetic of your final success, is the sensible and cool-headed way in which you have approached the problems which have been set before you. It is the radical element, composed of the men who insist upon reforming in a day the conditions which have grown out of the neglect of ages, that is always most dangerous to any movement toward reform. Too often the fiery speech of the radical delegate, advocating extreme measures and violent processes, is able to carry the vote of the majority against the judgment of the cool-minded and cautious members; yet in the long run it is the conservative, careful, well-thought-out policy which makes for real progress. Too often the radical minority, unable to carry its point, flouts those who oppose its policy with the charge of being lukewarm and traitors to the cause, or perhaps threaten to withdraw from the movement unless their plans are adopted without compromise.

To your success, however, disunion would be fatal. Your difficulties are already sufficiently great without the added burden of internal dissension. Every member of your body should be animated by the most intense loyalty in act and in purpose. When marked differences of opinion arise they should be met by mutual concession, not by secession.

No One Man Nor Faction Has a Complete Monopoly of Wisdom, and no matter how clearly we may see the truth, others may just as clearly see quite differently. In many cases only time and experiment can prove which side is right, and here patience should be permitted to do her perfect work.

One of the evils from which a popular government is most liable to suffer is that of excessive legislation, and unfortunately those members of the community who are least inclined to acquaint themselves with the purpose and history of existing laws are most inclined to the making of new ones.

No One Can Certainly Predict the Final Result of any radical amendment of the law of the land or of long established commercial usage, and he is rash who, without the most careful deliberation, proposes a decided change in either, or who, without equal deliberation, opposes change. Far too frequently those who base their conclusions upon superficial appearances and partial explorations of the field rush valiantly into paths where even angels would walk with circumspection.

Who will undertake to unravel the marvelous complex which we call civilization, or trace out and show the connection of its parts, or tell the ultimate reactions of any new policy of trade and legislation? How often do we attempt to pick up what appears to be a mere loose thread lying upon the surface of things, only to find that its other end is woven deep into the foundations of the social fabric!

Difference Between Functions of N. A. R. D. and A. Ph. A.

The difference between the National Retail Druggists' Association and the American Pharmaceutical Association is the difference between the particular and the general. You are specialists, dealing with certain economic and trade problems, and endeavoring to bring about more favorable conditions through such changes in trade customs as may be accomplished by mutual co-operation, by the clearing away of misunderstandings between different branches of the trade, and by acting in unity: we are general practitioners, addressing ourselves to the consideration of problems presented by any and all branches of the pharmaceutical community. As I have said on several previous occasions, the American Pharmaceutical Association is the great clearing house of pharmacy. It admits to its floor upon equal footing the representatives of every branch of the pharmaceutical art, the manufacturer, the jobber, the proprietor, the board of pharmacy member, the editor, even unto the most insignificant unit of pharmaceutical activity. There is none so humble in the household of faith but that our great association will afford him a plat-

form and an impartial audience. Even that poor relation, the much contemned college professor, who is supposed to habitually dwell in the clouds far above the solid ground of common sense, is there permitted to make his plea and is heard with charity and kindness, if not with conviction.

Speaking frankly, I believe that the impractical and visionary professor of pharmacy we hear so much about is largely, or altogether, a myth. As Betsy Prig said in her celebrated controversy with Sairey Gamp, "I don't believe there ain't no sich a person."

Professors of Pharmacy Have Their Own Problems to Solve, and solve them in quite as practical and successful a manner as other people. If the professor gazes at the heavens occasionally, it is only in search of some fixed star that may enable us to lay a more certain course across an otherwise trackless ocean.

Both Associations Have the Same Objective Point.

But, while your association and the one I have the honor to represent may be working on different lines, their paths converge to the same great objective point—the betterment of the commercial and professional status of the pharmacist. The commercial success and professional progress of the retail pharmacist are very closely connected. Without business prosperity he lacks the incentive to increase his professional acquirements, and without professional advancement he loses his claim for the remuneration which by common consent is allowed for professional services. The two associations are the necessary complements of each other, and either one would be deprived of half its possibilities for good did the other not exist or were it antagonistic in action or purpose. That they should divide the cultivation of the field between them accords with both the eternal and the temporal fitness of things. The work that you have been formed to do requires action, the employment of paid agents, the defending and prosecution of suits at law, the creation and enforcement of formal agreements with individuals and with other associations. The American Pharmaceutical Association could undertake such functions as these only by the abandonment of its own no less important and necessary work the performance of which no other body stands ready to assume.

But, while the American Pharmaceutical Association can not undertake to make and enforce commercial agreements, it can and will strengthen your hands in their making and enforcement. It gives you not only its moral support, but lends you freely of its best blood and brains for the fighting of your battles.

By the manner of its organization it is formed for deliberation and investigation, and so well has it discharged these functions that it is universally recognized as one of the great scientific bodies of the world, in the results of whose labors every American shares, and in whose achievements every American pharmacist should take pride.

The Importance of Scientific Pharmacy.

Let Me, in Closing, Utter a Word of Serious Warning to those who are accustomed to speak lightly of the scientific portion of the pharmacist's work. Surely those who do so have not fully considered the ground upon which they stand. Small as this portion of our daily trade has become, what remains should be cherished with keenest jealousy, for it is today the sole foundation for the legal restriction of the practice of pharmacy to a class of specially qualified men. Remove the necessity for the technical education of the pharmacist, and you break down the last barrier to complete demoralization. What we have remaining of our ancient practice of compounding is the saving grace of present day pharmacy, and the sole foundation upon which we can hope to build future improvement. That this remnant does not constitute a larger proportion of our daily business is, I believe, due to the fact that our predecessors in the ranks did not fifty years ago realize the necessity of an organization such as yours, through whose activities they might have protected themselves against the unjust aggressions and impositions which we are now struggling to remove.

In concluding, let me urge upon you the importance of recognizing the vital connection in purpose of your organization and the American Pharmaceutical Association.

That Association Sends you Not Merely Empty Compliments and vague expressions of good will, but the assurance of its hearty moral and material support in the struggle to secure for the working pharmacist a just reward for his services. Whenever and wherever the voice or vote or formal action of that association can contribute to the attainment of this end, count that service at your command.

The retail druggist does not ask nor does he desire special privileges, either from the law or from the customs of trade. He asks only that he be accorded fair treatment under both. To this he is entitled, and he will be content with no less.

Lastly, on behalf of the American Pharmaceutical Association, I thank you for the good will implied by your invitation to me as its president to address you on this occasion, and in my own behalf I thank you for the patience with which you have heard me.

Nine Years to Walk through London. The largest city of the world is London, lying in four counties and having a population of 4,250,000, equaling the combined populations of Paris, Berlin, Saint Petersburg and Rome. To walk through all the streets, avenues, lanes and alleys of the city, never traversing the same one twice, would require a ten-mile walk every day for nine years. The streets, placed in a row, would reach round the world, and leave a remnant that would stretch from London to San Francisco.—[*Ladies' Home Journal.*

Convalescent (dictating)—Please say to Mrs. Jackson that I thank her, not alone for the brandy peaches that she so kindly sent me, but for the spirit in which they were sent.

STRAY ITEMS AND COMMENTS.

Local Newspapers containing marked items or news interesting to the trade are always welcomed by the editor.

The Time to be Thankful.—We feel that the drug trade has much for which to be thankful, and we trust our readers will enter thoroughly into the spirit of rejoicing on Thanksgiving Day.

The Chicago College of Pharmacy senior c'ass, consisting of forty-seven students from twelve States, has organized and elected the following officers: President, Louis W. Plummer; vice-president, Frank Mayfield; secretary, George J. J. Guerten; treasurer, John G. Mick; seargent-at-arms, Milton Johnson.

Will He Drift Into the Drug Business Again?—An exchange gives considerable attention to a Pennsylvania pharmacist who has retired from business for the purpose of finding time to become acquainted with his family. We have personally known of several such cases and with but a single exception the pharmacists have, after a brief vacation, decided to resume the routine of drug store work.

Wood Alcohol does not gain friends in the medical and pharmaceutical professions as time passes. The committee appointed by the American Medical Association, points out that it is dangerous to use wood alcohol in any preparation which may be employed internally. The committee urges the proper federal and State authorities to take the necessary steps to protect life and eyesight from the pernicious effect of wood alcohol. It seems that the poison is particularly injurious to the eyes.

Washington, D. C.—The examination held by the Commissioners of Pharmacy of the District of Columbia, October 10, 1904, resulted in registering W. L. Smith, J. F. Arth and G. H. Pleasant. Seven others failed to make the necessary rating. The secretary, Henry A. Johnston, Ph. D., No. 1221 New Jersey Avenue, Northwest, announces the next examination will be held on the second Monday in January. Candidates have to file their applications with the secretary, together with the fee provided by law, not later than the Monday preceding the date of the examination.

Beecham's Pills Counterfeited in the United States. These pills, of international reputation, have been liberally advertised, but the manufacturers found that the sales did not increase as anticipated. Investigation developed a gigantic scheme of counterfeiting which was going on in New York City. As a result, Joseph Beecham, who has immediate control of the business, came to this country and secured the arrest of five New York druggists and other persons connected with the enterprise. It is claimed that the druggists were imposed upon by the manufacturer. The newspapers in which the pills are largely advertised very naturally give much space to the subject. It is evident that Mr. Beecham proposes to obtain all the free advertising he can and at the same time punish the imitators in a way which will make others hesitate in thus violating the law.

Drug Swindlers and patent medicine counterfeiters are coming to grief in New York City. Last month five men were arrested at one time and two others a few days later. The gang were engaged in the sale of some of the synthetics upon which copyrights are held. They were not the genuine article and were sold at a reduced price. The men also manufactured counterfeit patent medicines and, as a side issue, carried an extensive line of literature which cannot be mailed. It seems that foreign manufacturers have for the past nine years been on the track of these criminals. The amount of money represented in the prosecution insures a vigorous enforcement of the law. It has been whispered about that the trials will bring to light a more extended field of operation than has ever been hinted at before. The extent of the business is far greater than any one supposed. No doubt some parties have innocently handled these goods, but the vast majority have passed through the hands of those who realized just what they were doing.

WORLD'S FAIR.

Agricultural Building.

L. A. Becker Co., Block 89.—This firm manufactures the Twentieth Century Soda Fountain; also drug, cigar, and confectionery fixtures. The exhibit is of particular interest to pharmacists, and Mr. C. V. Floyd, who is in charge, makes pharmacists feel at home.

Machinery Hall.

The Largest Engine in the World is located in the Machinery Hall. It is just opposite the main entrance to the north. It is a 5,000-horse-power Allis-Chalmers, and is capable of being run up to 8,000-horse power. It supplies the electricity for all of the ornamental illumination on the grounds, and also furnishes power for many other purposes. Visitors are always welcome and are given particular attention at this exhibit.

The Mines and Metallurgy.

Castallian Water from California, is represented by J. P. Forbes & Co. in section 4, where it is sampled free to the public. It is a water of intrinsic value as shown by the analysis, and proven by its use for the past twenty years, even to the curing of varicose veins. Trade supplied by wholesale druggists.

In the Palace of Mines and Metallurgy is exhibited a most elaborate and scientifically classified collection of minerals, among which is to be exhibited gold, silver, copper, lead, zinc and iron, and in addition to this, a variety of gem stones the most prominent of which is the turquoise, for which New Mexico is famous the world over.

A. PH. A.

Section on Scientific Papers.

Abstract of Papers read at the Kansas City (Mo.) Meeting, September 5-9, 1904.

The Alkaloid Calycanthine.

H. M. Gordin, Chicago, Ill.

The Peroxides.

H. W. Emmerson and L. E. Sayre, Lawrence, Kans.

The Relation Between Chemical Constitution and Physiological Action of Certain Organic Basis.

Ernest Schmidt, Marburg, Germany.

Tests for the Purity of Cod Liver Oil.

E. H. Gane, New York, N. Y.—The nitric acid test. Percentage of free fatty acids. Determination of the refractive index. Tests which the pharmacist can apply.

The Determination of Codeine in Opium.

Chas. E. Caspari, St. Louis, Mo.—Until the year 1903 no method was published for the determination of codeine in opium. In that year a method was published by Van der Wielen, and when his paper appeared, the results obtained in this paper were being worked out. The results show that opium contains more codeine than is commonly supposed.

Cod Liver Oil (The Fresh, Natural Product.)

J. P. Remington, Jr., Brooklyn, N. Y.—Cod liver oil, universally recognized as an alterative nutrient. Physiological effects better produced by the natural oil than by extractives. Great difference in taste between a clean, fresh oil and a decomposed oil. Causes of superiority of Norwegian oil. Best methods of collection and preservation. Cod liver oil should be tested by pharmacists, if possible, in order to insure purity.

The Use of Potassium Biiodate for Standardizing Volumetric Solutions.

Chas. E. Caspari, St. Louis, Mo.—It has been known for some time that potassium biiodate offers an excellent standard for solutions of sodium triosulphate. This paper does not present anything new, but simply confirms the work done by Meineke, which was published in 1895. Potassium biiodate may be used for standardizing volumetric solutions of sodium thiosulphate, iodine, potassium permanganate, silver nitrate and alkalies.

Chemical Reagents,

Lyman F. Kebler, Washington, D. C.—This paper gives the results of the analysis of many chemical reagents as delivered to the Bureau of Chemistry on contract and special orders. The worthlessness of the description on the label is pointed out. An urgent appeal is made to all chemists to investigate their chemicals and to insist on getting what is ordered. The writer believes that many of the non-concordant results reported by chemists are due in a measure to the use of impure chemical reagents.

Sodium Bicarbonate in Iodometric Determinations.

W. A. Puckner, Chicago.—The volumetric estimation of phosphites by oxidation with iodine in presence of sodium bicarbonate failed because of a loss of iodine, caused by the sodium bicarbonate. This loss, caused by the hydrolysis of the bicarbonate, is proportional to the mass of sodium bicarbonate, the time of interaction, the concentration of the solution, the temperature and the size of the flask in which the reaction occurs. It may be prevented by working in dilute solutions which have been saturated with carbon dioxide.

Epsom Salts.

M. I. Wilbert, Philadelphia, Pa.—Magnesium sulphate, a well-known and extensively used chemical. Chemically, comparatively pure. Mechanical admixture of foreign materials an objectionable feature common to all heavy chemicals. Commercial variety of magnesium sulphate frequently sold for medicinal use. Ready methods of detecting usual impurities. Wide spread use of magnesium sulphate. Official titles. Synonyms. Origin. Early manufactures, present source. Importations of magnesite and magnesium sulphate. Use in the arts and manufactures.

Chemical Examinations of Cascara Bark.

H. A. D. Jowett, London, Eng.—Review and criticism of the work of previous investigators. Results of examination of fresh bark of *Rhamnus purshianus* and *R. Californicus* and of the matured bark of *Rhamnus purshianus*. Composition of the fat. Proof of the presence of Emodin and of the absence of Chrysophanic acid, Chrysarobin and of Glucosides. Criticism of the results of Le Prince and of Dohme and Engelhardt. Occurrence of a compound of Syringic acid. Repetition of experiments of previous investigators. Physiological experiments with preparations of the bark. Emodin not the active constituent.

Notes on the Pharmacology of Cascara Sagrada and Bitterless Preparations of Cascara.

Burt E. Nelson, Binghampton, N. Y.—An account of the therapeutic results obtained by administering fractions of the extracted bark, separated by analytical methods, to eight nurses who habitually used the drug, and comparing these results with those obtained from occasional doses of a U. S. P. fluid extract made from the same lot of drug; also of the comparative effects of bitter and bitterless fluid extracts of the same lot of drug upon these same individuals.

The results obtained indicate that a smaller portion of the laxative principles of the drug resides with the tannins, bitter principle and other acidic bodies, and is removed by the ordinary methods used for making bitterless preparations.

A Preliminary Report on the Presence of Nitrogen and Nitrates in Medicinal Plants.

Lyman F. Kebler, Washington, D. C.—The interesting observation is reported of what appears to be an exceedingly large amount of nitrogen in solanaceous plants as compared with certain other plants. The economic value of this observation is being investigated. It was also found that the part of the American-grown strammonium leaves contained nitrates,

while others did not. All imported strammonium leaves, so far examined, contained nitrates. American-grown digitalis leaves, so far examined, all contained nitrates, while in the imported leaves the presence of nitrates has not been established.

Notes on the Methods of Detection of Adulteration in Olive Oil.

L. M. Tolman, Washington, D. C.—The author considers the most useful tests at present available for detecting such adulterants of olive oil as oil of sesame peanut oil and cotton seed oil. It is pointed out that certain impurities contained in some oils give a color reaction closely resembling the sesame oil reaction in the absence of the latter oil. A method for removing the impurity is given. The halphen test has practically superceded all other tests for detecting the presence of cotton seed oil. Oil of kappok, an oil closely related to cotton seed oil, apparently is the only oil interfering. The method used for detecting the presence of peanut oil is given in detail.

Co-operative Work on Opium Assaying.

Lyman F. Kebler, Washington, D. C.—At the last annual meeting of the Association of Official Agricultural Chemists a referee on medicinal plants and drugs was appointed, chiefly for the purpose of studying collaboratively the various methods of analysis at present used in determining the quality of crude drugs and the products derived therefrom. Circulars were sent out giving the methods to be used in analyzing the sample of opium forwarded to each chemist signifying his intention to assist in the work. The chemists who took part in the work represented the purely scientific, the practical, the expert, the semi-expert and those engaged in administering the law. The results are submitted here for discussion and suggestions, by way of improvements, to be given either at this meeting or to be sent to the chief of the drug laboratory. The final report will embody as recommendations to the Association of Official Chemists all valuable suggestions as guides for future work.

The Quinhydrone Hypothesis of Plant Pigmentation.

E. Kremers, Madison, Wis.—The object of this investigation is to consider a number of observations from a single point of view, to show how not a few plant pigments may be genetically related, and how by slight changes a variety of shades of the same pigment may be produced.

It can further be shown that, starting with the same initial substance, one plant may produce largely what is known as volatile oil or part thereof, whereas another plant may produce but little, if any, volatile oil, but be rich in pigment.

Again, it can be shown how, by a series of simple chemical reactions, the same plant may produce a volatile oil, so-called, then a pigment, and finally a substance which as such is not classed with either.

With the application of this hypothesis to certain glucosides, the fall coloration of certain plants, and the disappearance of the brilliant fall colors can likewise be explained.

While no attempt is made to explain the evolution of other pigments than those dependent on quinhydrones for their color, a genetic relation between some of them and the quinhydrones can readily be established on paper with the aid of a few reactions very common to plant life.

Moreover, with the aid of this hypothesis, the disappearance of color during the process of experimentation by older and recent investigators finds a plausible explanation and may, therefore, lead to new investigation along rational lines.

A practical application this hypothesis finds in the decoloration of certain colored oils.

The Introduced and Native Medicinal and Poisonous Plants of California.

Albert Schneider, San Francisco, Cal.—This is the first attempt to classify or arrange the medicinal plants of California. In the introductory part attention is called to the climatic conditions of the state; the peculiarities of the native fauna and flora, and the nature of the introduced plants. Attention is called to the California commerce in crude vegetable drugs, from which it appears that most drugs are imported, even though they may be very abundant and near at hand. This is primarily due to the high priced labor of the United States, making it impossible to compete with foreign cheap labor. Thus the cultivation of the poppy and camphor tree had to be abandoned, in spite of the fact that the climatic conditions are very favorable.

This general introductory matter is followed by an alphabetical list of the more common medicinal plants found within the state. After the scientific name, common name and natural order of each plant, is given a brief mention of its use, especially by Indians, missionaries and settlers. Many of the plants cited require further study, this applies particularly to the great variety of plants which are generally designated as poisonous.

Some of the more important literature on the subject is cited. Attention is called to the extensive though widely scattered and often fragmentary literature treating of the cultivation, distribution, chemistry, physiological action, etc., of medicinal plants, and the importance of such literature to those who desire to make a study of pharmaceutical botany. California with its wide latitudinal and altitudinal range is peculiarly adapted to the cultivation of a great variety of medicinal as well as other economic plants. This is evidenced by the fact that the Department of Agriculture is about to establish an experimental seed growing station at Chico, California. In addition there is now in operation a Garden of Medicinal Plants in Golden Gate Park, San Francisco.

In all about 600 California medicinal plants are mentioned, which list is, however, far from complete and does not include a large number which may be introduced into the state. Plants from Australia, Southern Europe, Mexico and the Philippines are rapidly being introduced.

A. PH. A.

Both Systems of Weights and Measures, the old cumbersome one now in general use, and the metric system fast becoming popular, will appear in the revised edition of the National Formulary.

Separate and Distinct from other sections of the A. Ph. A. will the commercial section remain as long as so large a proportion of those present at the meeting favor the present arrangement. The proposition was made at Kansas City to combine the commercial section with the section of practical pharmacy and dispensing. The vote against the motion was in the proportion of four to one.

The Board of Trustees of the U. S. P. held an informal meeting at Kansas City. Messrs. J. H. Beal, A. E. Ebert, S. A. D. Sheppard and H. M. Whelpley were present. Mr. Sheppard informed the A. Ph. A. Convention that the new Pharmacopœia would not be on the market before some time in January. It will not go into force until nine or ten days after it is placed on the market. We learn that an abundant supply of the previous edition of the Pharmacopœia is obtainable for all college and ordinary purposes. This is announced in view of erroneous rumors that the old edition was exhausted and no more copies would be printed.

The A. Ph. A. Official Badge is a handsome emblem made of enameled gold. The price is $2.00. Each year special gold bars are made announcing the place and date of meeting. These are attached to the badge, so that those who keep up the practice wear badges with bars representing the meetings they have attended. The interest of the badge increases from year to year, and at Kansas City all of the bars were sold which had been made for that meeting. Bars for any of the meetings can be obtained by addressing the general secretary, Professor Charles Caspari, Jr., Department of Pharmacy, University of Maryland, Baltimore, Md.

The Rice Memorial has not as yet been fully completed. More than a year ago a monument was erected at the grave of the late Dr. Charles Rice in Woodlawn Cemetery, in New York City. In addition, a committee has been at work on a Rice Memorial Volume. This is now ready for the printer, and copies bound in leather will be furnished free to subscribers of $5.00 and over. Paper bound copies will be mailed to other subscribers. We understand that additional leather-bound copies will be sold at $2.50 each and the copies bound in paper at 35 cents each. The chairman of the committee having the matter in charge is Dr. J. H. Beal, Scio, O.

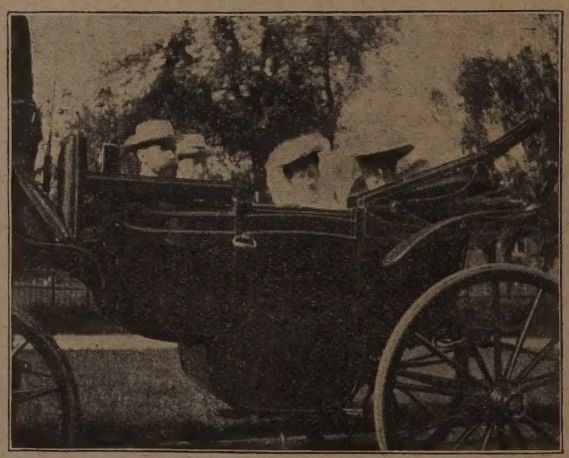
The U. S. Pharmacopœia came in for an unusual amount of discussion and consideration along lines not heretofore followed at the A. Ph. A. meetings. Chairman F. A. Hereth found something to report even on the eve of a Revised Pharmacopœia. The committee will hereafter consist of ten; each year a vacancy will occur and a new member be appointed to hold office for ten years. The president will name the first committee under the above rule. The committee will select its chairman and offer its services to the U. S. P. Committee on Revision. It will also ask the Revision Committee for information about the work as it progresses. Chairman Hereth further suggested that the pharmaceutical and medical professions be given information about the work of the Revision Committee. These are a few of the numerous practical points brought out by the report this year.

The Prescott Club.—There is no organization of our Ann Arbor (Mich.) Alumni, but we try to get together every year during the A. Ph. A. meeting and have a dinner, and we did so this year, September 8. The list of those present, as I have it, is as follows:

J. O. Schlotterbeck, Ann Arbor, Mich.; W. H. Burke, Detroit, Mich.; W. C. Kirchgessner, Grand Rapids, Mich.; M. Noll, Atchison, Kans.; Ezra J. Kennedy, New York City; Lyman F. Kebler, Washington, D. C.; L. A. Seltzer, Detroit, Mich.; E. A. Ruddiman, Nashville, Tenn.; J. H. Beal, Scio, O.; L. E. Sayer, Lawrence, Kans.; L. D. Havenhill, Lawrence, Kans.; W. J. Teeters, Iowa City, Ia.; James Seymour, Norman, Okla.; Henry Heim, Saginaw, Mich.; John D. Muir, Grand Rapids, Mich.; Sydney A. Erwin, Battle Creek, Mich.; A. L. Webber, Cadillac, Mich.; H. A. Allshouse, Kansas City, Mo.; W. I. Millington, Kansas City, Mo.; J. W. T. Knox, Detroit, Mich., and two others whose names I did not get down.

Among ourselves we call this the Prescott Club, and are willing to have it so known generally. We probably will not have a regular organization at any time, but there are a few of us who will make a business of seeing to it every year that all the Alumni in reach get together and meet around the board. Letters were written this year to Professor A. B. Prescott and to Professor A. B. Stevens, who is in Switzerland, and signed by all those present. You will note that we had four members of the Michigan Board of Pharmacy on this occasion.—[J. W. T. Knox, Detroit, Mich.

A. Ph. A. Snap Shot No. 2.



This photo was taken during the drive on the Kansas City boulevards. The party reading from left to right consists of Professor William C. Anderson, ex-president of the N. A. R. D. and prominent in A. Ph. A. affairs; George Reimann, president of the National Association of Boards of Pharmacy; Mrs. George Reimann, Buffalo, N. Y.; Mrs. W. C. Anderson, Brooklyn, N. Y. The ladies take as much interest in the annual meetings as do their husbands.

The Time is Not So Far in the Past when the meetings of the association were gatherings of college professors and scientific gentlemen but very slightly connected with everyday pharmacy. This condition of things is changing, and today the practical pharmacist is as much in evidence as his scientific and professional brother. Science and the dollars and cents are getting closer together, to the profit of the representatives of both interests. No doubt this happy combination of interests is responsible for the cheery hopefulness on the part of those who have the future of the association near their hearts.

The scientific section of the A. Ph. A. is never neglected and never uninteresting, and the meeting was no exception to this rule. The papers presented and the discussion which attended covered a wide range, from "quin-hydron hypothesis of plant pigmentation to Epsom salts," to quote the *American Druggist.*—[*Canadian Pharmaceutical Journal.*

Abstract of A. Ph. A. Treasurer's Report.

July 1, 1903, to July 1, 1904.

Receipts.

Cash on hand July 1, 1903	$ 3,882.08
Received from sale of Certificates	145.00
Received from sale of Proceedings	29.70
Received from sale of Badges and Bars	107.20
Received from sale of National Formulary	247.78
Received from Dr. Enno Sander, for Prize	50.00
Received from account of Ebert Fund	28.06
Received from Committee of Arrangements, Mackinac Island Meeting	40.60
Received from Interest on deposit in New England Trust Co.	100.08
Received from German Fire Insurance Co., for Mss. destroyed by fire	416.67
Received from Rebate on Insurance Premium	5.00
Received from Annual Dues	6,540.00
Received from Life Membership Fees	120.00
	$11,662.06

Expenditures.

Proceedings	$ 3,274.81
Stenographer	200.00
Journals for the Reporter on Progress of Pharmacy	43.66
Semi-Centennial Index	236.85
Salaries	2,800.00
Premium on Treasurer's Bond	12.50
Traveling Expenses	148.55
Section on Practical Pharmacy and Dispensing	25.30
Section on Education and Legislation	28.07
Section on Commercial Interests	7.94
Section on Scientific Papers	22.52
Committee on Membership	93.16
Committee on Drug Habit	20.00
Committee on Historical Pharmacy	29.61
Committee on Finance	20.20
Printing and Stationery	369.77
Insurance	16.88
Badges and Bars	93.45
General Prizes	100.00
Hermann Hager Prize	50.00
John M. Maisch Prize	50.00
Ebert Prize	28.00
George F. Payne, incidental expenses while President	84.55
Insurance rebate on Mss. found not to have been destroyed	75.00
Miscellaneous Expenses	218.79
Life Membership Fund	120.00
National Formulary	72.39
Cash to new account	3,424.66
	$11,662 06

A. Ph. A. Items.

In 1904 the delegates wore a smile. In 1881 the visitors found it uncomfortable to wear anything more than a smile.—[F. A. FAXON.

Dr. C. B. Lowe, of Philadelphia, missed the Kansas City meeting on account of building operations at home, which demanded his presence.

T. N. Phillips, pharmacist of the United States Navy represented that department at the Kansas City meeting of the A. Ph. A. Mr. Phillips is stationed at Washington in the United States Naval Museum of Hygiene and Medical School.

A. J. Fischer, Ph. G., secretary of the New Mexico Board of Pharmacy, represented that organization at the conference in Kansas City.

Clyde G. Huntley, Oregon City, Ore., secretary of the Oregon Board of Pharmacy, attended his first A. Ph. A. meeting this year.

Charles W. Hancock, William McIntyre, and Charles A. Wiedeman have become life members of the A. Ph. A. They joined thirty-seven years ago.

William McIntyre spoke on behalf of the N. A. R. D.

S. A. D. Shephard is the only surviving member of the first council who has continued as a member of that body up to the present time.

The Man Who Can say no is Charles W. Holzhauer, of Newark, N. J. He has had two hundred calls a day for postage stamps but has never sold a stamp.

Cheap Ammonia is best procured by purchasing a good quality and diluting it to suit. Such is the advice of Dr. C. S. N. Hallberg who does not believe in paying ammonia prices for water.

W. L. Dewoody, chairman of the commercial section, was unable to attend the meeting. He sent a paper on "Bookkeeping," which precipitated a long, animated and useful discussion.

The St. Louis College of Pharmacy program at the World's Fair the week following the Kansas City meeting gave the A. Ph. A. delegates attention which was appreciated by the 125 who took part in it.

Postage Stamp sales found a place in the A. Ph. A. discussions. In fact, Professor Hynson's paper on "Department Accounts" brought out much interesting discussion on every-day incidents in a busy drug store.

"Let the Public pay for the services rendered," is the motto of such men as A. E. Ebert, Charles L. Wright, F. H. Carter and other prominent A. Ph. A. members. They all admitted, however, that a druggist must render much gratuitous service.

Many Hard Workers bring in long lists of new members, but no one has exceeded the geographical limits reached by A. M. Roehrig in finding desirable candidates for membership. His position in the Public Health and Marine Hospital Service makes the entire world his legitimate field.

"Real Irish!"—A bottle of medicine supplied by a firm of druggists in Ireland bears this label.

N. A. R. D. CONVENTION.

Comments on the Seventh Annual Meeting, Hotel Epworth, St. Louis, October 10-14, 1904.

N. A. R. D. Notes is to continue along the same lines as in the past and no advertisements solicited unless it is for a special pre-convention number. Such was the recommendation of Editor Carr.

Print the Reports.—It was a patient audience which sat quietly and listened attentively to reports ranging in length from one quarter of an hour to fifty-five minutes in the reading. It was a wise delegate who suggested and, in fact, moved that next year the reports be printed and copies distributed at the convention. John I. Straw knows a good thing when he sees it and his motion was intended to give others the benefit of the many good features of the various reports. The motion prevailed.

The N. A. R. D. Dues Are Now $4.00 per year for local organizations and twenty-five cents for State organizations. It is anticipating that this action in raising the figure from $2.00 to $4.00 will materially increase the revenue of the association. There is no retail druggist, no matter how small his business, but can well afford to pay thirty-three and one third cents per month in return for the many benefits which come to him from the successful work of the N. A. R. D. We trust that the few local organizations where a sentiment exists against $4.00 dues will quickly fall in line, realizing the necessity of a hearty cooperation throughout the entire country.

Making Money Out of Fires.—Frank H. Freerichs, of Cincinnati, explained an elaborate plan of Mutual Druggists' Fire Insurance whereby the N. A. R. D. can become financially independent. The subject is referred to the committee on finance. Some of the States, like South Dakota and Ohio, have organizations which give the druggists a low rate of insurance and have been in successful operation for a number of years. The general opinion, however, seems to be that it is not safe for a druggist to play with fire insurance for fear of a final scorching. The plan was very inviting as outlined by Mr. Freerichs, and his remarks may lead to additional State insurance companies even if the N. A. R. D. permits the matter to drop.

The Sessions Were Well Attended.—It had been whispered, and, in fact, spoken quite aloud that the Pike and the surrounding World's Fair would prove too much of an attraction for a meeting of the N. A. R. D. in St. Louis. No one doubted the long registration list but few anticipated crowded halls during the business sessions. No class of visitors can appreciate the benefits of a visit at the World's Fair more than the retail druggist, but they came to St. Louis for business and almost to a man attended each session of the N. A. R. D. until adjournment took place. Some of the more enthusiastic ladies in the party accompanied their husbands at the business sessions, listening intently to the transactions which meant dollars and cents for the household as well as the drug store.

Full Prices Was the Avowed Object of the delegates who formed the N. A. R. D. This goal is not to be reached at a single bound but each year brings the retail drug trade nearer the coveted object. This year the Peruna Drug Mfg. Co. took the lead by announcing that the firm had decided to adopt the direct contract and serial numbering plan, the minimum price being eighty-three cents. The Wells & Richardson Co. followed with a similar announcement, but making the minimum ninety cents. Then came a statement from a representative of Pierce, Piso, Kilmer, California Fig Syrup Co., Shoop and the Paris Medicine Co. These firms have decided upon a direct contract with the jobber. The contract prices for each locality is to be the price on which not less than seventy-five per cent of the retailers in the respective localities can agree. These voluntary offers made by the manufacturers were unanimously adopted by the convention.

The Entertainment Feature at the next annual meeting of the N. A. R. D. must take second place in the routine of affairs. The St. Louis convention adopted a resolution instructing the committee of arrangements for the 1905 meeting to prepare a program of business which, when completed, is to be followed by such entertainment as the local committee is ready to present. If this plan is carried out to the letter, the convention will hold morning, afternoon and evening sessions until the final adjournment. This is a plan which some have suggested for the A. Ph. A., but it is not likely to be followed for any length of time in either organization. Three sessions in one day can be taken care of, but two or three days of such strenuous work will place the delegates in anything but a humor for the harmonious transaction of business. We surmise that the N. A. R. D., even at its next meeting under the instructions given, will arrange so that the executive meetings of the committees on resolutions will occupy what might otherwise be devoted to a session of the association. This will give nine-tenths of the delegates an opportunity for recreation while their elected representatives are preparing work for them to approve or condemn, as the case happens to be.

The Entertainment Program was not elaborate as the N. A. R. D. is opposed to an extended amusement feature. The members, however, realized the necessity of relaxation and they took part with a hearty good will in the features extended by the local committee.

The visit to the M eyer Brothers Drug Co. developed a very acceptable surprise. Wednesday, immediately following the noonday lunch, ten street car loads of delegates and visitors enjoyed a trolley ride which included a trip through the plant of the Anheuser-

Busch Brewing Association. The next stop was at the home of the Meyer Brothers Drug Co. The hundreds of visitors were divided into small parties and escorted through the different departments, the last to be visited being the floor devoted to the Imperial Crown Perfumery Co. Here was spread a sumptuous lunch including an unlimited supply of champagne. The delegation was equal to the surprise and handled the proposition with the skill exhibited in the transactions of the N. A. R. D. convention.

Thursday afternoon the party numbering almost 1,000 by the addition of local friends, visited the Anglo-African-Boer War and witnessed a special performance. This was followed by a trip on the lagoons in electric launches reserved for the purpose. The rest of the evening was devoted to sight-seeing.

Friday was druggists' day at the Fair. It opened with a special program in the beautiful hall of the Missouri Building. Addresses were given by ex-Governor David R. Francis, Mayor Rolla Wells, Hon. W. J. Bullock, of Massachusetts, Dr. J. H. Beal, President of the A. Ph. A., Mr. C. F. G. Meyer, President of the Meyer Brothers Drug Co., Charles H. Avery, President of the Chicago Retail Druggists' Association, Harry L. Kramer, of the Proprietary Association of America, Dr. W. C. Anderson, and others. The election and installation of officers was a pleasing feature of the occasion. After adjournment the delegation met at the exhibit of the Mallinckrodt Chemical Works in the Liberal Arts Building and visited various exhibits of pharmaceutical interest during the remainder of the convention.

The delegates as they arrived were met by the members of the local committee at the Union Station and escorted to the Hotel Epworth. They were given careful attention at every turn and made to realize the hospitality of the drug trade of St. Louis. A patent cane containing a map of the Fair Grounds on a spring roller inside of the cane was a novelty which proved useful as well as interesting. Such a cane was presented to each delegate and visitor.

N. A. R. D. Address.

BY MR. C. F. G. MEYER, ON BEHALF OF THE N. W. D. A.

I have been honored by the National Wholesale Druggists' Association to extend to the National Association of Retail Druggists its greetings, and I do so from the bottom of my heart. I need not assure you that the men who constitute the Wholesale Association feel deeply interested in the welfare of the Retail Druggists. We know that your organization was not conceived with the idea to menace the interest of the jobber, and hence the jobbers have from the very commencement of your organization given it their support morally and materially.

C. F. G. MEYER.

I know this has been especially the case here in St. Louis. Only six years have passed since your first meeting in this city was held, and you have grown to be a very large body. I am particularly pleased that your attendance is so large at this time, and that it has been so harmonious.

There has never been a year in the history of the United States, and I may safely say in the history of the world, in which so many conventions have been held as in this year of 1904, and nearly all of these conventions were held in the City of St. Louis! Men from all parts of the world—and men of great eminence in their respective avocations—have participated in the same.

One of the characteristics of the late decades has been the forming of associations by people in their respective callings. I consider this to be very commendable. Human nature seems to be prone to prejudice against his fellow-men—especially when following the same occupation—and we try not to come in contact with our competitors. But when we are brought together, especially in cases where our mutual interests are involved, we generally find that the man we were trying to avoid is, after all, as good as ourselves; hence we form a better opinion of him, and this is a great benefit.

It has another important advantage, as it is apt to prevent a man from being guilty of an unfair or dishonorable act, because he realizes that he cannot look the man in the face with whom he comes in contact in a mutual cause, if he does not conduct himself honorably.

I have always considered the vocation of the druggist as being on a higher level than simply being a merchant or dealer; it was inculcated in me in my childhood days.

The pharmacist, the apothecary and druggist is supposed to be a man of higher culture, and has usually been better educated than many in other professions; hence we naturally expect him to be exemplary in his conduct.

Such conventions as you have held here will doubtless stimulate your ambition for good, and I therefore wish you Godspeed.

N. A. R. D. Officers, 1904-5.

F. A. SNOW.

President—Thomas Vogeli, Minneapolis, Minn.

First vice-president—Charles R. Judge, St. Louis, Mo.

Second vice-president—Otto C. Bastian, South Bend, Ind.

Third vice-president—F. A. Snow, Topeka, Kans.

Secretary—Thomas V. Wooten, Chicago, Ill.

Treasurer—Chas. F. Mann, Detroit, Mich.

Executive Committee.—S. N. Jones, Louisville, Ky., Chas. Rehfuss, Philadelphia, Pa.; M. G. Breslin, New Orleans, La.; J. A. Locke, Buffalo, N. Y.; L. C. Hopp, Cleveland, O.; W. D. Wheeler, Boston, Mass.

N. A. R. D. ITEMS.

Gathered at the Seventh Annual Meeting, St. Louis, October 10-14, 1904.

Colorado has in a bid for the 1905 meeting.

Tennessee Wants the 1905 meeting and Nashville is to be the host.

Boston had a strong delegation working up a sentiment for the 1905 meeting.

Coca Cola was the drink of the convention after the distribution of free tickets.

Dr. John G. Beck presented a valuable report on the local conditions at Baltimore, Md.

Eight Hundred delegates and visitors is a good showing for a pharmaceutical convention.

Frank H. Gauss, of the Searle & Hereth Co., was among those who addressed the convention.

Oregon has in a bid for the 1905 meeting. It was presented by Charles S. Archer, of Portland.

"Moderation," was the watch-word of the leaders in the convention. It was this spirit which won the day.

Alabama was one of the original N. A. R. D. States, and J. D. Sutton, of Mobile, is justly proud of the fact.

Pharmaceutical Preparations as well as patent medicines are coming under the regulations of the N. A. R. D.

Dr. H. M. Whelpley delivered the address of welcome at the opening session in the absence of Mayor Rolla Wells.

Good-Fellowship between retailer, wholesaler and manufacturer was furthered by the convention just closed.

A Kansas Hammer to clinch good resolutions was brought by F. A. Snow, of Topeka. He had no use for a hatchet.

Surgical Dressings and similar appliances will soon be controlled by N. A. R. D. regulations and a living profit assured.

The Hopefulness displayed by the delegates was backed by an earnest determination to realize satisfactory results.

Missouri Is Proud of being the parent of the N. A. R. D. and Charles L. Wright, of Webb City, rightly presented the claim.

Thomas Vogeli, of Minneapolis, attended a meeting of the Rexall Drug Co. at Boston before going to the N. A. R. D. convention.

Simon Pure when applied to Chairman Jones of the executive committee always meets with hearty approval on the part of the delegates.

Mrs. Vogeli, wife of President Vogeli, was a close observer of the proceedings of the convention. She was in attendance at all of the sessions.

Born in St. Louis but conceived in Chicago was the N. A. R. D. This fact was brought out by William K. Forsyth and other Chicago delegates.

President Pritchard's Address dealt with N. A. R. D. questions from a to z and placed before the convention an able array of facts and suggestions.

E. B. Taintor, of Carroll, Ia., was one of the vice-presidents frequently called to the chair. He handled the gavel with exceptional skill and justice.

The Washington Promise Committee did not succeed as well as some had hoped, but the report showed material gains in the interest of better prices.

Dr. Julius Garst, of the Phenyo-Caffeine Co., has had a large experience in the legal features of direct contracts. He explained the situation up to date.

Dr. Frank L. James, editor of the *National Druggist*, was unavoidably detained with his work in his office and missed his many friends at the convention.

The World's Fair brought a large proportion of the 800 delegates to St. Louis, but did not take them away from the convention until the work was finished.

Dr. S. B. Hartman, president and founder of the Peruna Drug Co., was given long and loud applause when he responded to an invitation to address the convention.

F. W. Shumacher, of the Peruna Drug Mfg. Co., speaks in a manner which carries conviction. He not only knows what he wants to say, but possesses the ability to say it.

J. C. Eliel, of Minneapolis, who spoke for the N. W. D. A., was mayor of Lake Minnetonka, and welcomed the A. Ph. A. when that organization met at the ill-fated Hotel Lafayette.

Pennsylvania is proud of William McIntyre, of Philadelphia. He is one of those men who is always equal to every occasion. He can say much in a few words and that in a very interesting way.

Col. J. W. Lowe, of New Haven, is proud of the Nutmeg State. He presented T. V. Wooten with a huge wooden nutmeg accompanied by a well timed pun which lead to several pleasantries.

Much of the Burden of arrangements fell upon the shoulders of Theodore F. Hagenow who in no way considered it a burden although he now feels relieved as he thinks of the success of the occasion.

The Strength of the N. A. R. D. at the present time compared with its work at the first meeting in St. Louis was expressed by one of the delegates who said, "A lawn smooth to a man is rough for an infant."

Mayor Rolla Wells did not hasten to accept the invitation to deliver an address of welcome at the opening of the convention. He, however, made amends by his presence and pleasing remarks at the last session.

Governor David R. Francis paid the N. A. R. D. a new tribute of recognition in the extended and interesting address which he delivered. It was by no means the usual brief and stereotyped expressions of welcome.

Fifty Thousand Dollars is a good sum to be raised in the drug trade and expended within thirteen months by a single organization. Some predict that the N. A. R. D. will before long handle $200,000.00 per year.

Quiet but Attentive, with eagle eye, sat Dr. W. C. Anderson during the proceedings. He is quick to catch mistakes and his good judgement prevents many entanglements. It is well that he occupies a front seat.

Secretary Wooten read a carefully prepared report. It set right many mistaken ideas and received long continued applause. There are many N. A. R. D. workers of prominence but only one Thomas V. Wooten.

William O. Frailey, of Lancaster, Pa., came with instructions from his local organization to vote for $4.00 dues. He says that when members fail to pay their dues other members meet the deficiency. This is a plan worth trying in other local organizations.

The Executive Committee Report, presented by Chairman Jones, reviewed the past, dwelt upon the present and hinted at the future of the N. A. R. D. May Simon N. Jones long continue as chairman of the executive committee, seems to be the unanimous wish of the delegates.

The Local Committee on Arrangements, thanks to good financial management, has paid all of its debts and finds a surplus on hand. The committee has subscribed for the N. A. R. D. *Notes* to be sent to every pharmacist in St. Louis during the ensuing year. This is money well spent.

The Condition of the Drug Trade in submitting to the cutter in the past was illustrated by a delegate who referred to the man in the crowded hotel who said that he must have a bed to sleep on. The landlord asked him what he had been doing the past week. He answered, "Sleeping on top of sick man, but he is well now and will not stand it any longer."

The Gentleman From the East turned pale when he realized the cold reception given his proposition to spend an hour listening to the delegates from the National Sabbath Rest Convention. Before it was necessary to administer restoratives, the convention compromised with the speaker on a fifteen minutes basis and thus the son of the makers of blue laws felt relieved.

The Elegant Hall of The Missouri Building, where the N. A. R. D. met on Friday, was beautifully decorated for the occasion. The fountain in the main room played *Aqua Rosæ*, perhaps not of official strength, but certainly pleasing in effect. Thanks are due Commissioner Davis for granting Chairman Hagenow permission to use the Missouri Building for N. A. R. D. purposes on the closing day of the convention.

The International Sunday Rest Association was given a hearing. The N. A. R. D. spent almost as much time in adopting the motion to listen to the delegates as was occupied by the representatives of that organization. A resolution was then adopted urging druggists to observe the Sabbath day by limiting their sales to those of necessity. This was passed with a feeling that it could do no harm, but only a few seemed to take it seriously.

Pharmaceutical Editors Are Bashful.—At the opening session the editors found two large tables reserved for their use. A young lady stenographer engaged by one of the journals was at one table. The editors all crowded around the other table and in answer to an inquiry stated that they were afraid they would disturb the young lady if any of them went to the second table. The next session found quite a different condition of affairs. The ice had been broken.

"We Have No Time for Addresses. We are here for business," remarked one of the strenuous members of the N. A. R. D. as President Beal of the A. Ph. A. stepped forward to extend the greetings of the organization which he represents. Before Dr. Beal's address was half over the party was leaning forward drinking in every word and at its close was loud in the continued applause which followed. The next day he said, "Dr. Beal gave us the most useful address I have ever heard delivered on a pharmaceutical occasion."

The Ways of the Woolly West.—The Monday night's proceedings kept some of the delegates engaged until far after midnight. A party of them seeking their room on the top floor of the Hotel Epworth, disturbed the occupants of some of the rooms on the same hall. It was not long before a policemen appeared and proceeded to place under arrest a prominent young man from the far East. He explained that while he did not consider the hotel equal to the Vendome, he preferred it to the hold-over and appealed to his friends to stand by him. Delegates gathered from various sections of the hotel and an exciting time ensued. The man in blue was finally persuaded to give up his prisoner on terms of a promise of good behavior. It was not until the end of the week that some of the interested parties learned that the entire affair was a practical joke.

A New form of Substitution made its appearance recently. At Kansas City, the president of the A. Ph. A. asked the maker of a motion to re-state it for the benefit of the convention. Dr. C. S. N. Hallberg informed the president that he had the motion carefully written out but when he read it, all realized that it was quite a different proposition and that Hallberg had sprung it as one of his numerous jokes, running his chances on its going through. At the N. A. R. D. Convention, the president suggested that a motion of thanks was in order. A delegate sprang to his feet with the statement that he had a motion in his hand, but when he read it a groan passed over the audience, for they realized that he was springing on the convention a sentiment which had been laid on the table by a motion passed only a few minutes previously. Hallberg was in jest and the N. A. R. D. man was in earnest but they both met the just fate of the substitutor.

WHO THEY ARE.

Not All They Are But Some Things They Are.

N. A. R. D. Delegates and Guests at the Seventh Annual Meeting, Epworth Hotel, October 10-14.

Hon. Rolla Wells, Mayor of St. Louis.
Geo. Bollinger, Chicago, delegate C. R. D. A.
Emil Zorn, Cincinnati, O., retail pharmacist.
H. S. Mattingly, Newburg, Mo., retail druggist.
E. M. Plummer, Bradford, Ill., member I. Ph. A.
J. W. T. Knox, Detroit, Mich., editor *New Idea*.
David Strang, editor the *Apothecary*, Boston, Mass.
C. M. Ustick, Cincinnati, O., manager Ohio Viavi Co.
A. N. Collins, secretary Cinchona Club of St. Louis.
H. W. Snow, Chicago, manager U. S. Pharmacal Co.
J. C. Carr, Ph. G., Ridge Farm, Ill., retail druggist.
Guy L. Sparks, St. Louis, representing Eli Lilly & Co.
W. C. Gordon, Wheeling, W. Va., with Logan Drug Co.
J. E. Duff, New Castle, Pa., proprietor retail business.
Dr. Adolph Pison Bernhardt, Chicago, Ill., practitioner.
M. C. H. Arendes, representing the J. S. Merrell Drug Co.
Miss M. L. Brookes, Waelder, Tex., proprietor retail store.
W. B. Hopkins, Louisville, Ky., of Hopkins Lung Tonic Co.
Dr. John G. Beck, Baltimore, Md., of the Calvert Drug Co.
Jos. W. Errant, Chicago, Ill., general attorney, N. A. R. D.
Bruno Batt, St. Louis, representing the Searle & Hereth Co.
P. J. Singer, St. Louis, representing Moffitt-West Drug Co.
Frank H. Freericks, lawyer and pharmacist, Cincinnati, O.
Henry J. Stolle, St. Louis, treasurer, J. S. Merrell Drug Co.
W. F. Kahre, Ph. G., St. Louis, representing Eli Lilly & Co.
Frank A. Gauss, Chicago, Ill., with the Searle & Hereth Co.
Alex Harris, representing Johnson & Johnson, Chicago, Ill.
Earl Cook, St. Louis, Mo., representing Johnson & Johnson.
Chas. F. Mann, Detroit, Mich., treasurer (1903-5) N. A. R. D.
F. E. Holliday, Indianapolis, Ind., representing N. W. D. A.
William F. Thebus, Denver, Colo., proprietor Owl Drug Store.
Dr. Jos. R. Noel, Chicago, Ill., general organizer N. A. R. D.
Wm. B. Freeman, Atlanta, Ga., editor *Southern Drug Journal*.
D. P. Daugherty, St. Louis, representing Moffitt-West Drug Co.
Thos. V. Wooten, Chicago, Ill., secretary (for all time) N. A. R. D.
B. E. Pritchard, Pittsburgh, Pa., president (1903-4) N. A. R. D.
William E. Eilbrecht, Ph. G., Waterloo, Ill., retail pharmacist.
J. S. Proctor, Akron, Colo., manager McCollister's Drug Store.
Frank T. Koenecke, St. Louis, representing Moffitt-West Drug Co.
J. C. Eliel, Minneapolis, Minn., member Lyman-Eliel Drug Co.
Hubert S. Merrell, St. Louis, vice-president J. S. Merrell Drug Co.
Chas. H. Avery, president Chicago Retail Druggists' Association.
Chas. A. Lips, Ph. G., St. Louis, of Alex Lips & Brother, insurance.
W. V. Fowler, New York City, representing the *Druggists Circular*.
Bert E. Betts, Chicago, Ill., official stenographer (1904) N. A. R. D.
E. H. Wolf, St. Louis, Mo., first vice-president (1903-4) N. A. R. D.
Dr. V. Mott Pierce, Rochester, N. Y., World's Medical Discovery Co.
J. C. Wirthman, Kansas City, Mo., local secretary A. Ph. A. 1903-4.
Adolph O. Kaczoroski, New Orleans, manager Williams Pharmacy.
W. R. Landis, Baltimore, Md., representing Hance Brothers & White.
Dr. J. H. Oyster, Paola, Kan., retail and manufacturing pharmacist.
F. A. C. Vincent, secretary Kansas City Retail Druggists' Association.
M. H. Sobel, St. Louis, representing Mallinckrodt Chemical Works.
L. G. Blakeslee, St. Louis, representing Mallinckrodt Chemical Works.
Leonard Tillotson, Chicago, Ill., one of the organizers of the N. A. R. D.
Bert A. Tyler, Evanston, Ill., delegate Chicago District Association.
G. N. Stevens, Detroit, Mich., secretary and delegate local association.
Aquila Hoch, Philadelphia, active N. A. R. D. and A. Ph. A. worker.
Andrew Scherer, Chicago, Ill., active I. Ph. A. and A. Ph. A. member.
Joseph A. Kleiber, St. Louis, representing the J. S. Merrell Drug Co.
J. T. Flavan, Denver, Colo., representing the Meyer Brothers Drug Co.
F. A. Nipper, St. Louis, Mo., representing the Meyer Brothers Drug Co.
R. T. Gibbs, St. Louis, Mo., representing the Meyer Brothers Drug Co.
H. H. Sinnige, St. Louis, Mo., representing Meyer Brothers Drug Co.
D. E. Bransome, Philadelphia, Pa., representing Johnson & Johnson.
Dr. O. W. Konzelman, Chicago, Ill., practitioner and ex-St. Louis druggist.
Frank E. Tupper, New York City, representing the *Druggists Circular*.
Thomas J. Keenan, New York City, associate editor *American Druggist*.
R. H. Bingham, Corpus Christi, Tex., successor to De Ryer & Bingham.
Miss Anna King, St. Louis, stenographer, Remington Typewriter Co.
Chas. A. Spang, Allegheny, Pa., graduate Pittsburg College of Pharmacy.
L. B. Hughes, Pittsburg, Pa., graduate Pittsburg College of Pharmacy.
Eugene Ross, representing Johnson & Johnson, New Brunswick, N. J.
Leland Miller, St. Louis, member Cinchona Club entertainment committee.
Otto C. Bastian, South Bend, Ind., second vice-president N. A. R. D. 1904-5.
H. Y. Riddle, president Kansas City (Mo.) Retail Druggists' Association.
Ed. G. Orear, Maysville, president Missouri Pharmaceutical Association.
H. G. Shorbeck, Moline, ex-president Illinois Pharmaceutical Association.
George R. Merrell, St. Louis, second vice-president, J. S. Merrell Drug Co.
W. K. Forsyth, Chicago, ex-president Illinois Pharmaceutical Association.
Dr. W. C. Anderson, Brooklyn, N. Y., dean Brooklyn College of Pharmacy.
F. A. Moses, member Cinchona Club and of St. Louis College of Pharmacy.
Courtney H. West, St. Louis, secretary and manager, Moffitt-West Drug Co.
W. D. Wheeler, Boston, Mass, member executive committee N. A. R. D. 1904-5.
J. A. Locke, Buffalo, N. Y., member executive committee N. A. R. D., 1904-5.
Walter Gale, Chicago, active in Chicago and Illinois Pharmaceutical affairs.
A. C. Bartling, Lockwood, Mo., delegate and secretary Dade County R. D. A.
J. L. Wilke, Anniston, Ala., delegate and president Calhoun County R. D. A.
Wm. Muir, Brooklyn, N. Y., trustee King's County Pharmaceutical Association.
Charles Leedom, Philadelphia, Pa., member executive committee P. A. R. D.

C. F. G. Meyer, St. Louis, president Meyer Brothers Drug Co., ex-president N. W. D. A.

L. A. Seitz, president St. Louis College of Pharmacy, member entertainment committee.

Dr. H. M. Whelpley, St. Louis, editor MEYER BROTHERS DRUGGIST, ex-president A. Ph. A.

Gov. David R. Francis, president Louisiana Purchase Exposition, ex-governor Missouri.

W. Scott Hubbard, Chicago, Ill., graduate, Pharmacy Department, University of Illinois.

William B. Keusink, Chicago, Ill., graduate, Pharmacy Department, University of Illinois.

Paul L. Hess, Kansas City, secretary Missouri Board of Pharmacy, ex-president M. Ph. A.

F. E. Wolcott, Indianapolis, Ind., chairman committee on transportation (1903-4) N. A. R. D.

E. M. Pirner, member entertainment committee Retail Druggists' Association of St. Louis.

Max Heinrich, member entertainment committee Retail Druggists' Association of St. Louis.

Dr. J. L. Ormsbee, Springfield, Mo., secretary Greene County Retail Druggists' Association.

Chas. F. Merker, East St. Louis, Ill., proprietor two stores, secretary St. Clair County R. D. A.

Martin J. Noll, member entertainment committee Retail Druggists' Association of St. Louis.

Herman W. Rietzke, St. Paul, Minn., delegate and president St. Paul Retail Druggists' Association.

E. J. Schall, St. Louis, Mo., in charge of Patent Medicine Department, Meyer Brothers Drug Co.

F. Tucker, 1148 Columbus Avenue, Boston, Mass., delegate Boston Association of Retail Druggists.

Wm. C. Bingham, Tusculoosa, Ala., delegate and secretary Tusculoosa and Greene Counties R. D. A.

A. L. Wolcott, Westfield, N. Y., in charge of the Welch Grape Juice Concession at the World's Fair.

H. H. Barth, Lincoln, ex-member Nebraska Board of Pharmacy. Only delegate present from Nebraska.

F. A. Snow, Topeka, member Kansas Board of Pharmacy, third vice-president N. A. R. D. 1904-5.

F. S. Hillard, Vincentown, N. J., has been president for three years of the Burlington County R. D. A.

Dr. J. H. Beal, Scio, O., guest of the N. A. R. D., president (1904-5) A. Ph. A., ex-president O. Ph. A.

Chas. R. Judge, St. Louis, member Judge & Dolph Pharmacal Co., first vice-president N. A. R. D. 1904-5.

P. W. Vaughn, Durham, N. C., chairman committee Commercial and Fraternal Relations (1903-4) N. A. R. D.

F. W. Miesner, La Porte, Ind., member (1904) N. A. R. D. committee on finance, member council A. Ph. A.

W. J. Forrest, Ph. G., Pittsburg, Pa., delegate and director Western Pennsylvania Druggists' Association.

Alfred W. Pauley, St. Louis, proprietor two drug stores, member Cinchona Club entertainment committee.

W. E. Waddell, manager in charge American Soda Fountain Co., Varied Industries Building, World's Fair.

Charles J. Koch, secretary Retail Druggists' Association of St. Louis and member of entertainment committee.

Charles W. J. H. Hahn, of the Fricke-Hahn Drug Co., St. Louis, secretary joint entertainment committee.

William H. Lamont, Ph. G., ex-president Alumni St. Louis College of Pharmacy, representing Eli Lilly & Co.

Frederick S. Nagle, Wilkes-Barre, Pa., organized Luzerne Co., Retail Druggists' Association, represents *Spatula*.

W. H. Reed, Morristown, Pa., president Montgomery County Retail Druggists' Association since the organization.

C. F. Prickett, Centralia, Ill., president Marion County Retail Druggists' Association since its organization in 1901.

Henry C. Blair, Philadelphia, Pa., vice-chairman executive committee Philadelphia Association Retail Druggists.

Al A. Yeager, Knoxville, Tenn., delegate Knoxville R. D. A., member Tennessee Board of Pharmacy for nine years.

E. S. Lawbaugh, Jr., attended the Missouri Board of Pharmacy examination as well as the N. A. R. D. Convention.

Theodore F. Hagenow, ex-president Retail Druggists' Association, of St. Louis, and chairman entertainment committee.

L. W. Griffin, 63 Warren Avenue, Boston, Mass., delegate Boston Association of Retail Druggists, member S. Webster & Co.

Lewis C. Hopp, Cleveland, O., chairman (1903-4) N. A. R. D. committe on pharmacy laws, ex-president A. Ph. A. and O. Ph. A.

Jesse L. Nelson, Jackson, Tenn., delegate and secretary Jackson Retail Druggists' Association, representing James & Nelson.

A. Timberlake, Indianapolis, Ind., secretary Indiana Pharmaceutical Association, and member of the N. A. R. D. executive committee, 1903-4.

Chas. E. Ward, Denver, president Denver Pharmaceutical Association, secretary Colorado Pharmacal Association, editor *Rocky Mountain Druggist*.

John K. Williams, 973 Main Street, Corner Church Street, Hartford, Conn., member executive committee, Hartford Retail Druggists' Association.

Wm. Bodemann, Chicago, member Ill. Board of Pharmacy, trustee Illinois College of Pharmacy, International Juror Louisiana Purchase Exposition.

Charles M. Carr, 79 Dearborn Street, Chicago, Ill., Director Department of Publicity, National Association of Retail Druggists, Editor, N. A. R. D. Notes.

Chas. J. Clayton, Denver, Colo., president Colorado Pharmacal Association, proprietor Acme Pharmacy, secretary Denver Pharmaceutical Association.

M. T. Breslin, New Orleans, La., president Orleans Pharmaceutical Association, member of the executive committee of, and delegate to N. A. R. D. Convention.

Walter Rothwell, Hatbow, Pa., chairman executive committee Montgomery County Retail Druggists' Association, proprietor two stores in Philadelphia and one at Halbow.

Edward Williams, Madison, Wis., local secretary and delegate Dane County Retail Druggists' Association, proprietor the Williams Pharmacy, member N. A. R. D. committee on commercial and fraternal relations.

Thos. Vogeli, Minneapolis, Minn., chairman executive committee, Minneapolis Retail Druggists' Association since the formation of the society, member executive committee of N. A. R. D., president N. A. R. D., 1904-5.

N. A. R. D. Snap Shots No. 1.

PRESIDENT AND MRS. THOS. VOGELI,
Minneapolis, Minn.

Seventh Annual Meeting of the N. A. R. D., St. Louis, October 10-14, 1904. Photo by Murillo.

N. A. R. D.

Who They Are.

John Raboteau, of Raboteau & Co., chairman joint entertainment committee.

J. J. Weingarten, Belleville, Ill., delegate St. Clair Retail Druggists' Association.

Sam'l L. Hilton, Washington, D. C., second vice-president (1903-4) N. A. R. D.

Chas. Rehfuss, Philadelphia, Pa., member executive committee (1903-5) N. A. R. D.

M. E. Burkhart, Dayton, O., president Retail Druggists' Mutual Fire Insurance Co.

J. D. Van Hook, Ph. G., St. Louis, representing Mallinckrodt Chemical Works.

Charles Renner, St. Louis, member Cinchona Club entertainment committee.

Chas. W. Peaslee, Redfield, chairman South Dakota Pharmaceutical Association.

H. C. Groves, Ocala, Fla., acting chairman auditing committee (1903-4) N. A. R. D.

Dr. Otto F. Claus, president St. Louis College of Pharmacy ex-president M. Ph. A.

Abraham Van Zwaluwenburg, New York City, representing the *Pharmaceutical Era*

L. E. Stubee, Danville, Ill., secretary Vermillion County Pharmaceutical Association.

W. F. Baum, Danville, Ill., president Vermillion County Pharmaceutical Association.

Simon N. Jones, Louisville, Ky., chairman executive committee (1903-5) N. A. R. D.

John G. Beck, Baltimore, Md., chairman (1903-4) committee on national legislation.

Mail Order Houses are receiving the attention of the N. A. R. D. It is only recently that they have interferred seriously with the retail drug trade.

The N. A. R. D. Entertainment Committee was composed of representatives of local organizations, as follows:

Joint Entertainment Committee—John Raboteau, chairman; Chas. W. J. H. Hahn, secretary.

Cinchona Club.—John Raboteau, chairman; Ed. H. Wolff, Leland Miller, Alf. H. Pauley, Charles Renner, F. V. Johnston.

The Retail Druggists Association of St. Louis.—Theo. E. Hagenow, chairman; E. M. Pirner, Chas. W. J. H. Hahn, Max Heinrich, L. A. Seitz, Martin Noll, Chas. J. Koch.

THE OFFICERS FOR 1904.

Alton, Ill., Drug Clerks' Union.—Roy Bridges, president; George Paul, vice-president; Daniel Lumeen, secretary; Walter H. Pancoast, treasurer; Otto Thiede, guide; Emil Dick, guardian.

Missouri Board of Pharmacy.—G. W. Carmack, Plattsburg, president; A. Brandenberger, Jefferson City, vice-president; Paul L. Hess, Independence and Forest Avenues, Kansas City, secretary.
Next Meeting—Jefferson City, Monday, January 9, 1905.

Retail Druggists' Association of St. Louis.—F. V. Johnson, president; F. A. Moses, vice-president; Charles J. Koch, secretary, 1035 Rutger Street; Charles W. Stockhausen, treasurer; M. J. Noll, F. A. Uhlich, Leon A. Philibert, Francis Summ, Board of Directors.

American Medical Association.—*Section on Materia Medica, Pharmacy and Therapeutics*—Dr. Heinrich Stern, New York City, chairman; Dr. William J. Robinson, New York City, vice-chairman; Dr. C. S. N. Hallberg, Chicago, secretary; Dr. J. W. Foss, Phœnix, Ariz., delegate.

Ill. Ph. A.—Hermann Fry, Chicago, president; Christian Garver, Bloomington, first vice-president; H. C. Porter, Rockford, second vice-president; Melle Williams, Taylorsville, third vice-president; Geo. C. Bartells, Camp Point, treasurer; R. N. Dodds, secretary, Springfield, Ill.

Illinois Board of Pharmacy.—Bernard Schwartz, Jr., president, Salem; William A. Dyche, vice-president, 1882 Sheridan Road, Evanston; Mathias C. Metzger, treasurer, Cairo; Joseph F. Shreve, Jacksonville; W. Bodemann, Lake Avenue and Fiftieth Street, Chicago; F. C. Dodds, secretary, Springfield.

American Conference of Teaching Faculties.—President, G. B. Kauffman, Columbus, O.; vice-president, C. Louis Diehl, Louisville, Ky.; secretary and treasurer, J. O. Schlotterbeck, Ann Arbor, Mich.; executive committee, C. B. Lowe, Philadelphia, Pa.; Edward Kremers, Madison, Wis.; J. A. Koch, Pittsburg, Pa.; H. M. Whelpley, chairman, St. Louis, Mo.; W. A. Puckner, Chicago, Ill.

Kansas City Retail Druggists' Association.—H. Y. Riddle, president; J. W. Hunter, first vice-president; G. Q. Lake, second vice-president; F. A. C. Vincent, secretary; F. D. Mitchell, treasurer.
Trustees—R. S. Stevens, Paul Hess, W. M. Federmann, Geo. Eyssell, J. W. Giesburg, C. E. Abrahams, J. C. Wirthman.
R. C. Brightwell, sergeant-at-arms.

Mo. Ph. Travelers' A.—President Dr. James B. Wood, Parke, Davis Drug Co., Kansas City; first vice-president, William F. Kahre, Eli, Lilly & Co., St. Louis; second vice-president, Edward Hunter, Rothenberg & Schloss, Kansas City; third vice-president, W. H. Carter, Meyer Brothers Drug Co., St. Louis; secretary, Oscar F. Ott, Moffitt-West Drug Co., St. Louis; assistant secretary, H. C. Jeffreys, John W. Wyeth & Brothers, Philadelphia.
Next Meeting—Pertle Springs, June 15, 1905.

St. Louis Drug Clerks' Society.—R. Boesewetter, president; W. S. Barnickle, first vice-president; Leon A. Phillibert, second vice-president; Al. J. Bretscher, secretary; H. A. Wolff, treasurer.
Executive Board—F. A. Christopher, N. J. Pippert, George M. Scheu.
Entertainment Committee—J. P. Slinger, P. A. Mansfield, chairman; M. J. Cogan, C. G. Miller and F. A. Christopher.
Chief of Employment Bureau, Charles A. Witt, 800 Morgan Street.

N. A. R. D.—President, Thomas Vogeli, Minneapolis, Minn.; first vice-president, Chas. R. Judge, St. Louis, Mo.; second vice-president, Otto C. Bastain, South Bend, Ind.; third vice-president, F. A. Snow, Topeka, Kan.; secretary, Thos. V. Wooten, Chicago, Ill.; treasurer, Chas. F. Mann, Detroit, Mich.
Executive Committee—S. N. Jones, Louisville, Ky.; Chas. Rehfuss, Philadelphia, Pa.; M. T. Breslin, New Orleans, La.; J. A. Locke, Buffalo, N. Y.; L. C. Hopp, Cleveland, O.; W. D. Wheeler, Boston, Mass.

National Association of Boards of Pharmacy.—Officers for 1904-5: George C. Reimann, Buffalo, N. Y., president; M. Bernstein, New Orleans, La., secretary-treasurer; Geo. F. Payne, Atlanta, Ga., first vice-president; J. M. A. Lane, Portland, Ore., second vice-president; Z. B. Hopkins, Branden, Vt., third vice-president.
Executive Committee—President and secretary-treasurer, ex-officio; M. G. Motter, District of Columbia, three years; John D. Muir, Michigan, two years; F. B. Lillie, Oklahoma, one year.

St. Louis Cinchona Club.—James M. Good, president; Leland Miller, vice-president; Arthur J. Davenport, treasurer; Charles D. Merrem, secretary.
STANDING COMMITTEES.—*Arrangement*—John Raboteau, chairman; Leland Miller, T. V. Johnson.
Membership—F. H. Fricke, chairman; C. J. Koch, F. Carey.
Grievance—E. H. Wolff, chairman; E. Stegner, A. W. Pauley, L. Miller, C. D. Merrem.
Price Schedule—E. H. Wolff, chairman; W. E. Berryman, R. C. Reilly, F. V. Johnson, John Raboteau.

The Mo. Ph. A.—President, Ed. G. Orear, Maryville; first vice-president, J. F. Llewellyn, Mexico; second vice-president, Jos. C. Wirthman, Kansas City; third vice-president, Wm. E. Bard, Sedalia; treasurer, Wm. Mittelbach, Boonville; permanent secretary, Dr. H. M. Whelpley, St. Louis; assistant secretary, H. C. Wesner, Windsor; local secretary, J. V. Murray, Warrensburg.
Council—Chas. L. Wright, chairman, Webb City; R. L. Hope, vice-chairman, Centralia; Dr. Otto F. Claus, secretary, St. Louis; G. W. Carmack, Plattsburg; Paul L. Hess, Kansas City.
Next Meeting—Pertle Springs, June 13-16, 1905.

The A. Ph. A.—Professor J. H. Beal, Scio, O., president; P. C. Candidus, Mobile, Ala., first vice-president; William Mittelbach, Boonville, Mo., second vice-president; J. A. Koch, Pittsburg, Pa., third vice-president; S. A. D. Shepherd, Boston, treasurer; Chas. Caspari, Jr., Baltimore, general secretary. C. Lewis Diehl, Louisville, reporter on the progress of pharmacy. L. C. Hopp, of Cleveland; J. L. Lemberger, Lebanon, Pa., and F. W. Meissner, La Porte, Ind., members of the council for three years.
Commercial Section—Chairman, Chas. R. Sherman, Omaha, Neb.; secretary, R. C. Reilly, St. Louis; associates, M. Noll, Atchison, Kan.; Frank H. Carter, Indianapolis, Ind.; and O. W. Bethea, Meridian, Miss.
Pharmaceutical Education and Legislation—Chairman, Harry B. Mason, Detroit, Mich.; secretary, W. L. Cliffe, Philadelphia, Pa.; associates, Dr. J. T. McGill, Nashville, Tenn.; F. B. Hays, New York City; F. C. Godbold, New Orleans, La.
Section on Scientific Papers—Chairman, E. H. Gané, New York City; secretary, Chas. E. Caspari, St. Louis, Mo.; associate, David Base, Baltimore, Md.
Historical Section—Chairman, A. E. Ebert, Chicago, Ill.; secretary, C. A. Mayo, New York City; historian, Edward Kremers, Madison, Wis.
Practical Pharmacy and Dispensing—Chairman, C. A. Rapelye, Hartford, Conn.; secretary, W. C. Kirchgessner, Grand Rapids, Mich.; associate, Miss Amanda Stahl, Chicago.

N. A. R. D. Officers.

E. H. WOLF, St. Louis,
Vice-president 1903-4.

THOS. VOGELI, Minneapolis,
President 1904-5.

BOARDS OF PHARMACY.

Massachusetts.—Ira B. Case, Boston; Willard E. Green, Northampton; Susie M. Person, Leominster; Joseph M. Conley, Worcester; Thomas A. Fitzsimon, Brockton; Jacobus van der Halen, Revere; Leon A. Thompson, Boston; Gustaf F. R. Wollin, Boston.

The Arkansas Board of Pharmacy will meet at Little Rock, Tuesday, November 15, 1904. For further information address the secretary, J. W. Biedelman, Little Rock, Ark.

New York—*Pharmacists:* Charles V. Green, Bradford, Pa.; Burt C. Hayes, Buffalo, N. Y.; Albro H. Hooper, Jamestown, N. Y.; Eugene Barrett Kershner, Olean, N. Y.; Isadore S. Ruben, Buffalo, N. Y.; Lawrence Leonard Stevenson, Attica, N. Y.; Robert Raikes Street, Falconer, N. Y.; Joshua Stullberg, Buffalo, N. Y.

Druggists: James C. Cottrell, Arcade, N. Y.; William C. Hammond, Buffalo, N. Y.; Mark Velzy Loveland, Lockport, N. Y.; Herbert N. Roy, Buffalo, N. Y.; Floyd J. Satterlee, Buffalo, N. Y.; Richard Joseph Tone, Buffalo, N. Y.

Oklahoma.—H. R. Dean, Oklahoma City; Jas. F. Fiske, Oklahoma City; E. H. Kitch, Gage; Wm. J. McAdams, Tryon; Harry H. Patton, Taloga; Harper T. Sims, Oklahoma City; Lester R. Smith, Alva; A. H. Williamson, Oklahoma City.

Wilbert J. Moore, of Bridesburg, Pa., was registered upon diploma from the Philadelphia College of Pharmacy, and the board decided to recognize graduates of such colleges as require four years of practical, drug-store experience before issuing diploma, provided applicant presented such reference and recommendations as would be satisfactory proof of their honesty and efficiency from past employers.

A lack of sufficient help in the territory is the reason for the action of the board. The secretary will furnish, upon request, blank applications to all parties who desire to register upon this ruling.

The secretary reported attending the conference of Boards of Pharmacy at Kansas City during the meeting of the A. Ph. A., and had the proper blanks been supplied, the Oklahoma Board would have been among the first to become a member of the National Association of Boards of Pharmacy.

The board organized for the ensuing year by electing the following officers:

President, A. B. Clark, Watonga; Secretary, F. B. Lillie, Guthrie; Treasurer, E. E. Howendobler, Perry.

National Association of Boards of Pharmacy.

Constitution and By-Laws.

Adopted at the Organization Meeting During the A. Ph. A. Convention at Kansas City, Mo., September, 1904.

ARTICLE I.

Name.

The name of this association shall be The National Association of Boards of Pharmacy.

ARTICLE II.

Objects.

The purpose of this association is to provide for interstate reciprocity in pharmaceutical licensure based upon uniform minimum standard of pharmaceutic education and uniform legislation.

ARTICLE III.

Membership.

The members of this association shall be officers and members of any state or territorial board of examiners in pharmacy whose board of pharmacy shall have formally adopted this constitution, by-laws, rules and regulations, and shall have certified to this association such adoption under official seal: Provided, that each state represented in this association shall have but one vote, but all members in attendance may participate in the discussions upon any subject considered by this association.

ARTICLE IV.

Officers and Their Duties.

Section 1.—The officers of this association shall be a president, three vice-presidents, and a secretary-treasurer, elected annually, whose duties shall be those usually pertaining to these offices. There shall be an executive committee of five, consisting of the president and the secretary-treasurer, ex-officio, and three members elected by the association. The term of office of the members of the executive committee, other than president and secretary-treasurer, shall be three years, provided, that of the first executive committee elected, one member shall be elected for three years, one for two years and one for one year.

Section 2.—The executive committee shall have charge of all the affairs of this association in securing the objects for which it is organized. Their action shall be subject to the approval of the association at its annual meeting.

ARTICLE V.

Meetings.

This association shall meet annually during the sessions of the American Pharmaceutical Association.

ARTICLE VI.

Interchange of Certificates.

The interchange of certificates, provided for by this constitution, shall go into effect whenever ten states or territories shall have made application for membership.

ARTICLE VII.

Amendments.

Amendments to this constitution shall be presented in writing at an annual meeting, and for adoption require a two-thirds vote representing a majority of the constituent boards.

By-Laws.

ARTICLE I.

Any state or territorial board of examiners in pharmacy desiring membership in this association shall apply to the secretary in writing, furnishing with its application a certified copy of the record of such board showing that they have adopted this constitution, by-laws, and rules and regulations, accompanied by a fee of ten dollars, which shall be the annual assessment.

ARTICLE II.

Upon receipt of an application for registration upon examination in another state, the secretary of the board shall request the secretary of such examining board to furnish a certified copy of the applicant's examination questions and ratings: Provided, that in all cases the applicant shall have received a rating of five per cent higher than the minimum rate required by the board before which he was examined; and said questions must be satisfactory to the board from which he seeks registration.

ARTICLE III.

It shall be the duty of the executive committee to prepare blank applications and other necessary papers, and cause them to be furnished by the secretary to the several boards of pharmacy.

ARTICLE IV.

For the conduct of business at the annual meetings of this association, a representation of one-third of the constituent boards shall constitute a quorum.

ARTICLE V.

Amendments to these by-laws shall be presented in writing, and for adoption require a majority vote of states represented at any annual meeting.

MASSACHUSETTS COLLEGE OF PHARMACY.

Among the Students and Alumni.

There Are 175 students enrolled in the college.

Mr. W. D. Wheeler, '90, is taking a medical course at Tuft's.

Was it a Senior who remarked something about rubbing it in?

Mr. T. F. Mayo, '02, and Mr. Louis Simonson, '04, are at Tuft's Medical School this year.

Carney and Collette have a longing for city life, and both expect to return to Boston soon.

John J. Madden, Ph. G., '03, has entered the Harvard Medical School for a four-years' course.

Mr. L. A. Thompson, a student at the college, passed the State Board of Pharmacy on October 4.

Mr. R. G. Raymond, '03, was recently in town and made us happy with a call. Come again, Dick.

There Seems To Be little time for song in the pharmaceutical laboratory this year. Too bad—the seniors are so musical.

W. G. Brooks, '03, came struggling in under a dainty mustache the other day. Mr. Brooks is still at the school of osteopathy.

Professor C. F. Nixon has retired from the Massachusetts Board of Pharmacy, of which he has been secretary for the past three years.

Messrs. Picken and Sawyer, of the class of 1903, have opened a new store on the corner of Center and Creighton Streets, Jamaica Plain.

Mr. P. G. Anderson, '03, and Miss Grace Coggins, of Pembroke, Me., were married on October 12. Mr. Anderson is now employed in Everitt, Mass.

Arthur H. Tripp, Ph. G., '99, is the new laboratory instructor in pharmacy. Mr. Tripp is a practical druggist, being located on Talbot Avenue, New Dorchester.

The Scholarship of the Massachusetts Pharmaceutical Association is held by Mr. Wm. Hamilton; that of the Eastern Drug Co. by Clinton H. Hart, and the Greenleaf memorial not assigned yet.

Mr. L. E. Phaneuf, our assistant in materia medica, has passed the State Boards of Pharmacy in Massachusetts, New Hampshire, Connecticut and Rhode Island since the college closed last May.

Professor—What is a meniscus?

Student—I know, but I can't just describe it.

Professor—Did you ever see one?

Student—Certainly, though there wasn't one in my desk. The man last year must have taken it out.

When One Sees a busy student with a look so stern and wise,
It needs not a wizard nor a prophet to make this quick surmise:
His college work is not the stream he's trying so hard to ford;
The fact is simply this—he's plugging for the board.

EXAMINATION QUESTIONS.

Massachusetts Board Questions.

Furnished by applicants for registration.

What are the constituents of compound liquorice mixture?

Give the active principle of coca, digitalis and scoparius.

Give full process for making official glycerine suppositories.

Give the official preparations of arsenic oxide with their percentage strengths. How is each made?

How distinguish between salts of arsenic and antimony, zinc and aluminum?

Describe the Maish test.

Give the natural order, habitat, constituents, uses, official preparations and doses of belladonna, geranium, spigelia, stramonium, scoparius, hyoscyamus and podophyllum.

What is the antidote for sun cholera mixture, rough on rats, salts of lemon and liquid bluing?

How tell the presence of calcium sulphate in precipitated sulphur?

What are the principal constituents of pomgranate, belladonna, hyoscyamus, pennyroyal, tansy, ergot, ginger, peppermint and spearmint?

Give antidote for iodine, carbolic acid and strychnine.

Give natural order, habitat, description and uses of coca and cola.

What is the habitat of cascara sagrada? Give official definition and part used.

How many troy pounds in a gallon of alcohol?

Give the ingredients in spirit of lavender.

How make phosphorated oil?

R	Ichthyol	ʒi
	Liq. Plumbi sub. acet	ʒss
	Olive oil	ʒi

M.

Give ingredients of paregoric, pill rheii comp., tincture lavender comp., and tincture benzoin comp.

Give the weights of the official suppositories.

Give U. S. P. process for making bitter wine of iron.

Name two heart stimulants and their doses.

R	Balsam copaiba	ʒiv
	S. S. nitre	ʒss
	Pot. nit	ʒss
	Oleum santal	ʒiiss
	Tinc. lavender comp	ʒss
	Syrup acacia, ad	ʒiv

M.

Give U. S. P. process for making extracts and fluid extracts.

Give method of preparing and constituents of Sydenham's laudanum.

What is the most soluble alkaloid?

Give U. S. P. description of frangula.

Magnesia: How does it exist in nature? Difference between light and heavy? How reduce the bulk?

ST. LOUIS LOCALS.

The Engelmann Botanical Club met October 10, and listened to an address by Dr. J. Arthur Harris on "How Flowers Attract Insects."

The Rodes Sanitary Co. is a recently incorporated firm, located at St. Louis, Mo. The capital is $10,000.00 and the incorporators are: C. B. Rodes, J. H. Kelly and W. H. Cloney.

"A Trip Through Mammoth Cave," was the subject of a lecture, illustrared by the stereopticon, given October 18, by Dr. H. M. Whelpley, under the auspices of the Alumni Association of the St. Louis College of Pharmacy.

Dr. T. F. Prewitt died at his residence in this city last month. The doctor was for more than a generation one of the leading surgeons of the West. He was president of the American Medical Association and a member of the faculty of the Medical Department of Washington University.

Alton, Ill., in 1883, expected to become the capital of the state. Such was the vote of a majority of the citizens who decided to move the executive head from Vandalia to the city on the river bluffs. The state house square was purchased and has been held as city property until quite recently.

The St. Louis Chemical Society held its first meeting of the season at the Academy of Science Building, October 10. The following paper illustrated demonstrations of the Thermite process was read by Dr. C. Zwingenberger, who is in charge of the German Educational Exhibit in the Electricity Building: "Beziehungen zwischen Chemischer Wissenschaft und Chemischer Industrie."

Chloroform plays an important part in the sensational newspaper reports of burglaries. As we have pointed out on many occasions, the facts are that burglars do not and cannot make use of chloroform in the manner ordinarily reported. The latest sensational accounts are contained in a St. Louis newspaper which relates how a dozen houses in the Southern part of the city have been burglarized and the occupants kept under the influence of chloroform while the intruders were ransacking the house. It is, indeed, difficult to eradicate popular notions no matter how false they may be.

Pharmacists and Physicians Visiting the Fair.

F. G. Kerr, Van Buren, Ark.; August Breunert, Kansas City, Mo.; M. S. Middlesworth, Lamar, Mo.; Dr. Paul Tradelius, Brooklyn; Adolph G. Wagoner, Muscogee, I. T.; Fitz J. Mobbs, Hot Springs, Ark.; Louis Grother, Cole Camp, Mo.; Dr. Walter Shropshire, Yokum, Tex.; H. F. Hendricks, Spokane, Wash.; Archie H. Emig, Trenton, Ill.; A. L. Lengfeld, M. D., San Francisco, Cal.; Dr. J. H. Oyster, Paola, Kan.; R. W. Ashton, Colorado Springs, Colo.; Daniel Jefferson Atkinson, Doniphan, Mo.; Claude C. Bacon, Maysville, Mo.; Samuel George Becker, St. Jacob, Ill.; Benjamin Thomas Bundy, Marion, Ill.; Charles Judson Chapman, Jr., Louisiana, Mo.; Vivian Bramble Collins, Plant City, Fla.; Arthur H. Emig, Trenton, Ill.; August Paul Fedder, Des Peres, Mo.; Alfred Felber, Laurel Neb.; Samuel Reice Flowers, Kilmichael, Miss.; Sam. L. Grother, Cole Camp, Mo.; Eddie Pearl Hardin, Fulton, Mo.; Verde Harrison, Mexico, Mo.; Christopher Joseph Hennemann, Pinckneyville, Ill.; Walter Charles Kern, Leavenworth, Kan.; Gerhard Knewitz, East St. Louis, Ill.; A. T. Knott, Loveland, Colo.; Frank Edward Lautz, Pekin, Ill.; Roy Longino, Magnolia, Ark.; John Bruce Lorton, Beecher City, Ill.; Oliver Mark Matthews, Marysville, Mon.; Lendon L. McGuire, Prescott. Ark.; Alexander Rankin McIntyre, Kirkwood, Mo.; Daniel Minton Moseley, Rusk, Tex.; Samuel E. Shaffner, Louisiana, Mo.; Dean Bell Skinner, San Diego, Cal.; Fred Wm. Spreen, Brenham, Tex.; C. A. Steinmeyer, Carlinville, Ill.; Wm. H. A. Titsworth, Ogden, Ky.; Richard O. Ward, Granite City, Ill.

Joseph Lieberstein has taken a position as prescription clerk with Judge & Dolph at their store on Olive Street.

Paul T. Capps, Ph. G., is one of the proprietors of the new "Owl Drug Store," Twenty-first and Olive Streets.

Dr. Robert E. Schlueter was elected a member of the St. Louis College of Pharmacy at the October meeting of the board of trustees.

J. R. DeLassus, 2925 Easton Avenue, has been doing relief work in St. Louis the past summer, and will continue during the winter.

Dr. Paul Tradelius, representing Charles Von der Bruck, of No. 61 Park Place, New York City, is spending some time visiting the trade in St. Louis.

The Biological Society, of St. Louis, met in the rooms of the Mississippi Valley Laboratory and listened to a paper on "The Skull," by Dr. Robert J. Terry.

Mr. L. Sieving, of No. 3601 South Jefferson Avenue, is the last pharmacist to become a victim of hold-up robbers. He is out $25.00 in money and a large amount of experience which he would not care to repeat.

The Academy of Science, in St. Louis, met October 17. The paper of the evening, entitled, "The Nature and Function of the Color of Flowers," was by Dr. J. Arthur Harris. A collection of tropical butterflies was also on exhibition.

Price A. Mansfield, Ph. G., has purchased the City Hall Pharmacy, at Twelfth and Chestnut Streets, and took possession October 15. Dr. W. R. Coryell, the retiring proprietor, will devote his entire time to the practice of medicine, with an office in the same building with the store. Mr. Mansfield has been a prescription clerk at Judge & Dolph's for some time and an active worker in the St. Louis Drug Clerk's Society. Success will undoubtedly be his in the new venture.

J. LIEBERSTEIN, St. Louis, Mo.

P. A. MANSFIELD, St. Louis, Mo.

P. T. CAPPS, St. Louis, Mo.

ST. LOUIS COLLEGE OF PHARMACY.

News Items Tersely Told.

College Opening.—The college opened on September 26 with an enrollment of 167 students 98 of which are juniors and 69 seniors. All lectures are now held during the day, the night sessions having been abandoned and regular dates have been set for the written reviews which will be held three times during the year. The various changes which have been made are all very satisfactory to the student body.

It Exploded.—While making ferrous sulphate at a recent session of the pharmaceutical laboratory class an energetic senior was anxious to know what gas was given off when H_2SO_4 was poured into a flask containing Fe. He held a lighted match at the mouth of the flask and the explosion which followed sounded like the opening shot in the Boer War. This was sufficient to prove its identity as being hydrogen.

Molecules.—One of our young juniors was visited by his mother a few days ago, and, of course, she inquired as to how he was progressing in his school work. "What are you studying now, asked the mother?" "We have just taken up the study of molecules, replied the son." "Well, said the mother, I do hope you will be very attentive and practice faithfully. I tried to get your father to wear one when he was young but he could never make it stay in his eye."

Intelligent Answers.—In each issue we will devote space to the real brilliant answers which are noted during quizzes.

Professor: "Define a chemical and a physical change." Student: "Iron is a chemical change and wood is a physical change."

Force of Habit.—"Tell me," she asked after she had accepted him and received the diamond ring, "Am I really your first and only love?" "Well - er - no, dear," replied the senior from Kirkwood, "but you are really something just as good."

D. J. Atkinson, of the Senior Class, has a very fine position in the department of admissions at the World's Fair, being employed about three hours every day and at a handsome salary.

Noisy.—"Have no fear," said the Professor to the Seniors. "The thunderous and terrific noise which you hear is not an approaching cyclone only the Juniors coming down stairs from the third story.

Theodore Gottlob, of the Junior Class, is a very industrious student. When not at the college he can always be found on duty at the Hellwig Pharmacy, No. 2200 Chouteau Avenue, from early morning until closing time at night.

Roy E. Warner, of Pekin, Ill., is a Junior who had as preceptors Messrs. Weber & Kraeger, druggists of that city, both of whom graduated from this college with high honors; Mr. Weber winning the gold medal and Mr. Kraeger receiving honorable mention for both years.

Accuracy.—The extreme accuracy which is shown to be necessary in the performance of volumetric analysis makes a Senior begin to think that the chemist should find some sort of a uniform similar to that of a deep-sea diver and perform the work in a vacuum. After studying volumetric analysis a sign which reads, "Prescriptions Accurately Filled," sounds strange and doubtful.

A Dance.—Several of the Seniors will attempt to arrange a series of dances for the benefit of both classes, and it is hoped that more interest will be shown this year than was displayed by the classes last year. It behooves the students to get busy and engage company in advance so that the committee on arrangement will not be confronted with the problem of finding girls for a great number of the so-called "stags."

The Fair Sex.—Three young ladies have matriculated as Juniors this year, and with the one in the Senior Class we have at present four female students. The ladies are always apt and careful students in pharmacy, and no doubt it will not be long until they will be able to analyze all of the popular face powders, cosmetics and other preparations which are dear to all of the sex, thereby enabling them to recommend those of real merit and worth. They will also attempt to withstand the siege of the love bacillæ which, according to the assertions of noted scientists, are known to inhabit the chemical laboratory in a state of great activity. The ladies are:

Miss Ada E. Kaye, St. Louis, Mo.
Miss Rosalie Gissey, Breese, Ill.
Miss Anna Lukefahr, Perryville, Mo.
Mrs. Jennie Rawlings, De Beque, Colo.

St. Louis City Items.

The Two Suburban Stores in Kirkwood have begun Sunday closing and find it very satisfactory. They close at 11 a. m. and open in the evening from 5 until 7 p. m., and find the receipts for the day almost as large as when they remained open all day.

The Epidiascope recently purchased by the Medical Department of Washington University is used in special demonstrations every Saturday afternoon at three o'clock in the auditorium of the German Medical Exhibit, Educational Building. Professional friends are invited to be present.

A Veteran Pharmacist.—Mr. F. A. Uhlich, of this city, will, on November 20, be eighty-nine years of age. The same day will be his fifty-ninth year in the retail drug business. At the present writing, Mr. Uhlich is enjoying good health and bids fair to see not only the approaching birthday but many more of them.

A. M. Roehrig, senior pharmacist, U. S. Marine Hospital, New York, accompanied by Mrs. Roehrig, spent a month in St. Louis. Mr. Roehrig is a graduate of the St. Louis College of Pharmacy, was for several years pharmacist at the Marine Hospital in this city, but did not revisit the city for sixteen years.

THE MARKET REVIEW.

Before the Next Issue of the Meyer Brothers Druggist shall have reached our readers the Louisiana Purchase Exposition will be a thing of the past. This great attraction, which has brought millions of visitors to our city, will close November 30, and the work of wreckage will begin.

As a matter of course our City has had a period of great activity, business in all lines being at high tide, but the conservatism of St. Louis in the outset will now stand us in good stead, and we look for no reaction. A satisfactory volume of business for this year is assured, and there is a most excellent outlook, not only for our city, but for the entire business interests of the country for next year.

A noteworthy incident of the Fair that is of interest to the retail drug trade of the United States is the award of the grand prize to the Imperial Crown Perfumery Co., of St. Louis; thus International attention is attracted to one of our home industries, and the popularity and fascinating quality of domestic perfumes is emphasized.

Price movements have been rather active, with a tendency toward a higher level. Special attention is directed to a 15 per cent advance in Iodides, the higher market for Camphor and Quinine; and the decline in Alcohol and Ichthyol. The principal market changes we give below, together with current values.

Advanced.	Declined.
Bark, Bayberry,	Acid, Tartaric,
Sassafras,	Alcohol,
Buds, Cassia,	Bark, Soap,
Camphor,	Colocyuth, Apple,
Cloves,	Flowers, Elder,
Iodine,	Gum, Shellac,
Iodoform,	Asafœtida,
Iodides,	Ichthyol,
Herb, Grindelia Robusta,	Oil Cake,
Leaves, Buchu, Long,	Linseed,
Lycopodium,	Peppermint,
Oils, Cocoanut,	Wax, Brazil.
Citronella,	
Cod Liver, Norwegian,	
Anise,	
Cassia,	
Lemon Grass,	
Sassafras,	
Wormseed,	
Wormwood,	
Quinine,	
Root, Ginseng,	
Golden Seal,	
Seed, Lobelia,	
Coriander,	
Stramonium,	
Turpentine.	

Quinine.—The anticipated advance on this staple has materialized, domestic manufacturers having raised their prices 2c per ounce. The market is firm at the higher price, and there is some talk of a still further advance. Present quotations are: For P. & W., 24c.; M. B., 23c, on the basis of the bulk in 100-oz. cans; 5-oz. cans, 28 and 27c; 1-oz. vials, 34 and 32c respectively.

Opium.—Whilst there has been no change in price there is a fairly good demand. Present quotation are. $3.00 to $3.15 for the Gum; Powdered, P. & W. $3.95 to $4.25; M. B., $3.80 to $4.20.

Morphine.—Former quotations remain unchanged They are: For P. & W., ¼s, $2.50; M. B., ¼s, $2.40 per oz.; in 1-oz. vials, 25c per oz. less.

Alcohol.—Declined. Though the trade has been of satisfactory proportions, there is a slightly easier tone, probably due to the decline in corn, and present quotations are: In bbls., $2.54; ½-bbls., $2.55; 10-gal. cans, $2.68; 5-gal. cans, $2.76, with the usual allowance of 8c per gal. for cash in ten days.

Acid, *Tartaric.*—Quotable in bbls. at 32 to 36 to 38c as wanted.

Bark, *Bayberry.*—Advanced to 23c; ground, 24c; powdered, 18 to 24c as to quantity.

Soap.—Declined. Cut, in bbls., 6½ to 9 to 12c. Ground, bbls., 8 to 12 to 14c; powdered, 8½ to 12 to 15c.

Sassafras.—Materially higher and firm, due to scarcity. Quotable in bag lots at 14 to 17 to 18c; sifted, 15 to 18 to 20c; ground, 15 to 21c as to quantity.

Camphor.—A 2c advance is noted in this staple. Bulk, in barrel lots, 67 to 70 to 75c in a small way; M. B., 1-lb. boxes, 1-oz. cakes, 75 to 77c; 24s, 76 to 83c as to quantity.

Cloves.—Quotably higher; in bales, 20 to 25 to 33c as wanted.

Colocynth, *Apple.*—Declined to 60c.

Flowers, *Elder.*—Quotably lower at 20 to 23c.

Gum, *Asafoetida.*—Tending lower. Good quality quotable in case lots at 26c; choice, 31 to 32 to 41c in a small way.

Shellac.—Declined. Orange V. S. O., case lots, 61 to 66 to 70c; T. N., case, 50 to 54 to 57c. Bleached, in bbls., 47 to 54c as to quantity.

Iodine.—Cable advices have been received covering a 15% advance on this item, and the new prices are $4.15 to $4.25; ozs., 35c.

Iodoform and Iodides, in sympathy with the above, have all been advanced.

Ichthyol.—Quotably lower. *Ammonium*, 1-lb. bottles, per lb., $4.00; ½-lb. bottles, per lb., $4.15; ¼-lb. bottles, per lb., $4.40; oz. vials, per oz., 30c. *Sodium*, 1-lb. jars, $4.75; ½-lb. jars, $4.90; ozs., 35c.

Leaves.—*Buchu*, long, advanced to 70c.

Lycopodium.—Still tending higher. Further advances make present quotations, in 5-bundle lots, 95c to $1.00 to $1.05 as wanted.

Oil Cake.—Slightly easier; present market, per ton, $26.00; ½ ton, $26.50; ¼ ton, $27.00; 100-lb. bags, $1.50.

Oil.—*Linseed*, quotably lower; in bbl. lots, Raw, 38c; Boiled, 39 to 49 to 60c in a small way.

Cocoanut.—Advanced. Quotable at 14 to 20c as to quantity.

Citronella.—Advanced; 1,000-lb. drums, 26½ to 33 to 46c as to quantity.

Cod Liver, Norwegian, advanced; in barrel lots, $57.50; 10 gals., $2.30; 5 gals, $2.50 per gal. to $2.55 as wanted.

Anise.—Advanced to $1.50 to $1.65 as to quantity.

Cassia.—Tending higher, at 85 to 95c to $1.10 as to quantity.

Lemon Grass.—Quotably higher at $4.20 to $4.70.

Sassafras.—Advanced; True, 77 to 90c; Artificial, 36 to 50c as to quantity.

Peppermint.—Slightly easier; quotably lower; Pure, M. B., $4.20 to $4.45; Re-distilled, M. B., $4.75 to $5.25; Hotchkiss, $4.80 to $5.30 as to quantity.

Wormseed.—Materially higher, at $3.00 to $3.25.

Wormwood.—Advanced; $5.00 to $5.50 as to quantity.

Root, *Ginseng.*—Advanced; selected, $9.00; ordinary, $8.00 per lb.

Golden Seal.—Quotably higher; $1.75 to $2.85; powdered, $1.95,

Seed, *Lobelia.*—Advanced to 65 to 75c; powdered, 68 to 78c as to quantity.

Stramonium.—Advanced to 15 to 20c.

Wax, *Brazil.*—Declined to 40 to 46c as to quantity.

Glassware.—Quotations remain unchanged in this market; Flintware, 75% discount; 5-case lots, 75 and 5%; Flasks, 85%; Greenware, 75%.

Window Glass.—Present offerings in this market are on the basis of a discount of 90 and 15% for the first three brackets, with the exception of size 16x20. This size, as well as all others above the third bracket, are quotable at a discount of 90 and 5%. These discounts are firmly maintained.

Turpentine, since our last issue, has advanced 1c and is quotable in barrel lots at 60c; 10-gal. cans, 69c; 5-gal. cans, 73c, incl.

A Radium Minute-Bell.—The Hon. R. J. Strutt recently described a radium electroscope, in which the departure of negative ions from a speck of radium enclosed in a sealed vacuum tube perpetually charges the leaves of an electroscope also inside the sealed tube. The action is probably not perpetual, but so long as the radium lasts, say, 30,000 years, the tiny leaves of the electroscope will go on opening and shutting so many times a minute, like a clock or a perpetual motor. Mr. F. H. Glew, chemist and druggist, of Clapham, has devised an arrangement by which the periodical discharges of the electroscope, when the leaves touch the side of the sealed glass tube (in which a wire connects two inner coatings of zinc foil to earth), rings a bell or prints a record of every contact of the leaves. Each discharge from the outside terminal of zinc foil and wire, when the leaf strikes the inner foil, is sufficient to act on a "coherer" similar to that which is used in wireless telegraphy. The "coherer," as in a wireless telegraphic system, is put in a bell circuit, and each time it is acted on it rings a bell. In Mr. Glew's experiments, with a three milligrammes speck of radium, the bell was rung every seventy seconds. Thus we might devise a perpetual "minute-bell."—[*Pharmaceutical Journal.*

EDITOR'S TABLE.

Pharmacy Department of the Baylor University, Dallas, Texas, announcement of 1904-5.

College of Pharmacy of North Dakota Agricultural College, Fargo. Announcement for 1904-5.

Alabama Pharmaceutical Association Proceedings for 1904. W. E. Bingham, Tuscaloosa, secretary.

The Illinois Board of Pharmacy has issued its twenty-second annual report for the year 1903. The present secretary is R. N. Dodds, Springfield, Ill.

The Arkansas Association of Pharmacists has mailed the twenty-second annual report for the year 1904. It contains a number of excellent half-tones of prominent members. The secretary is Will C. Bond, Little Rock.

"Some Plants Which Entrap Insects," is the title of a very interesting article in the September issue of the *Popular Science Monthly*. This journal is published by the Science Press, New York City. The price is $3.00 per year.

The Ohio Pharmaceutical Association has distributed the twenty-sixth annual report for the year 1904. It contains a likeness of the late George L. Hechler, who was prominent in national as well as state pharmaceutical affairs. The secretary is Theodore D. Wetterstroem, Cincinnati.

Elementary Exercises for Students in Materia Medica and Pharmacy, by Pierre A. Fish, D. Sc., D. V. M., Professor of Veterinary Physiology and Pharmacology New York State Veterinary College, Cornell University. Second edition. Revised and enlorged. Published by the author, Ithaca, N. Y., 1904.

The second edition of this laboratory companion has been changed somewhat, in accordance with the dictates of experience. While it does not claim to be an original work, it is one which is admirably adapted to the work of students.

An Outline of Pharmacy and Materia Medica for the use of the Hospital Corps, United States Army. Compiled under the direction of Captain Frederick P. Reynolds, Assistant Surgeon, United States Army, according to the Medical Supply Table, United States Army, by Julius Leiblinger, Sergeant First Class, Hospital Corps, United States Army, Company of Instruction No. 1, Washington Barracks, D. C. Washington: Government Printing Office. 1904.

This is a small volume of seventy-nine pages. It contains more information of real value to the member of the Hospital Corps than does many of the large works. What is more, the information is so arranged that it is very convenient for the use of those studying or consulting the pages. We feel that medical students and physicians can also profit by adding this little volume to their libraries.

A Missouri Paper's Obituary column contains the following pathetic poem:

The window was open,
The curtain was drawn;
A microbe flew in
And our darling was gone.

RECENT INVENTIONS.

Manufacture of Acid-Proof Cement.—A process of making acid-proof and impermeable cements recently patented by Richard Liebold consists in adding to burnt and unground cement a mixture of wax and caustic lime dissolved in boiled water and then grinding the resulting mass.

Manufacture of Vitreous Cement.—An interesting process of making vitreous cement recently patented by Paul Steembock consists in precipitating a solution of basic beryllium nitrate with sodium silicate and triturating the deposit with orthopho sphoric acid containing aluminum phosphate with additions of zinc phosphate.

Process of Making Camphor.—An improvement in camphor manufacture was recently patented by the German chemist, Karl Stephan and Paul Hansulz and assigned to Chemische Fabrik auf Actien (vorm. E. Schring), Berlin, Germany. The process consists in reacting upon isoborneol with an aqueous solution of a permangenate and isolating the camphor thus produced.

Manufacture of Milk Sugar.—A process of manufacturing milk sugar which forms the subject matter of a patent granted October 18, 1904, to Samuel R. Kennedy, consists in condensing the milk to between 11° and 27° Baume, then subjecting the condensed milk to a temperature of about 32°F. until the sugar crystallizes. This crystallized sugar is then removed and washed with alkalin water at a temperature below 50°F.

Distillation of Resinous Wood.—An interesting process of extracting turpentine from wood forms the subject-matter of a patent recently granted to Clarence E. Broughton, of Savannah, Ga. The wood is subjected to super-heated steam under pressure at a temperature approximately equal to the boiling point of turpentine. The greater portion of the turpentine contained in the wood is in this way volatilized and extracted. The wood is then exposed to a temperature considerably above the boiling point of turpentine by the external application of flame whereby the remaining turpentine is extracted.

The Largest Human Being in the world was recently discovered by scientists in Kustake, Russia, and taken to Berlin, where he has created a sensation.

This man, Feodor Machow, is not only the largest man alive, but his measurements are greater than those of any known giant of the past two generations.

Though but twenty-two years old, he is 7 feet and 9 inches tall and remarkably proportioned for his height.

The Anthropological Society of Berlin has taken a very lively interest in Machow, and many learned men have measured and studied him.—[*Medical Review.*

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WANTED—SITUATIONS.

SITUATION—Position in the West wanted by recent graduate in pharmacy; best of references given. Address No. 20, care Meyer Brothers Druggist. [tf]

SITUATION—In Minnesota; married; twenty-four years old; seven years' experience; assistant, registered; speak German; sober. Address No. 42, Meyer Brothers Druggist, [11]

SITUATION—Position by an experienced laboratory man; expert tablet maker; ten years experience in directing large pharmaceutical operations; employed at present; would accept permanent position anywhere paying good salary. Address No. 38, care Meyer Brothers Druggist [11]

HELP WANTED.

REGISTERED PHARMACIST—Give age, experience and salary; references. Address H, care H. & D. Rector, Ark. [11]

TRAVELING SALESMAN—To introduce and sell proprietary remedy to drug trade. Address Dr. Welbourn Medicine Co., Union City, Ind. [11]

FOR SALE.

TABLET MACHINES—Two Tablet Machines with dies as good as new; can be bought cheap. Address No. 41, Meyer Brothers Druggist. [11]

DRUG STORE—One of the oldest and best drug stores in Kentucky. For terms and other information write to Mrs. N. P. McChesney, Owensboro, Kentucky. [11]

DRUG STOCK—Up-to-date drug stock in a good Northwest Missouri town; best stock in town; doing a good business; a bargain. Address No. 40, care Meyer Brothers Druggist. [11]

MAIL LECTURE COURSES—Three sets Mail Lecture Courses in Pharmacy all different; just the thing for those preparing for board examinations. Address L. W. Marshall, Lexington, Mo. [11]

DRUG STORE—Only drug store in lively Iowa town; good surrounding country; sales $6,500 per year; expenses low; satisfactory reasons for selling. Address No. 39, care Meyer Brothers Druggist. [11]

DRUG STORE—In Nevada; $2,000 stock; sales per year $6,000; population 1,500; only exclusive drug store; terms cash; profits averaging 65% to 75% of total sales; good reason for selling; splendid location; principal industry mining and agriculture. Address No. 37, care Meyer Brothers Druggist. [11]

DRUG STORE—The only drug store in Yellville the center of the famous zinc field of North Arkansas; stock clean and up-to-date and will invoice about $4,000; this is a good opportunity for a live, up-to-date physician to do an office practice; best of reasons for selling. Address Druggist, Box 184, Yellville, Ark. [11]

MISCELLANEOUS.

INDIAN RELICS for sale. S. V. Mallory, Flandreau, South Dakota. [tf]

FOR SALE—Stradivari violin, dated 1721. Address A. W. Ferguson, Montgomery, Mo. [tf]

INDIAN RELICS—If you have any for sale or exchange, address No. 35, care Meyer Brothers Druggist. [tf]

MICROSCOPICAL MOUNTS.—For complete list and price, address Dr. H. M. Whelpley, 2342 Albion Place, St. Louis. [tf]

WANTED—Either a good little drug store in town of 1,000 or more or a good position. C. N. Jeffers, Yukon, Okla. [11]

WANTED—One copy of the May, June and July "Druggists Circular" for 1901. Address No. 12, Meyer Brothers Druggist. [tf]

WANTED—A copy of the Proceedings of the Missouri State Pharmaceutical Association for the year 1879. Address, No. 35, Meyer Brothers Druggist. [tf]

FOR SALE—Eberle's "Soda Water Formulary;" the modern Soda Dispenser's Guide; over 200 pages formulæ; send $1 for cloth bound copy. Address Texas Drug Co., Dallas, Tex. [tf]

EXCHANGE—Tufft's, 2 bodies, 16 Syrup Soda Fountain and outfit; costing neighborhood of $1,500.00; in good running order; to exchange for Western land. H. J. Niece, Elmwood, Ill. [11]

HOW TO PREPARE for and to pass a Board of Pharmacy examination. For further information write to Aug. T. Fleischman, former Secretary Missouri Board of Pharmacy, Station "C," Kansas City, Mo. [tf]

FOR SALE—One students' case of organic drugs (80 specimens), $3.00; 1 "Wall's Pharmacognosy," 75c; 1 "Remington's Pharmacy," 75c (new); 1 "The Microscope," Gage, 50c; 1 "Lessons in Botany," Gray, 50c; 1 "General Chemistry," Heinrich, 50c; 1 "Fleischman's 1,000 Questions and Answers from Various Boards of Pharmacy," 50c; send cash with order for any or all of the above to H. L. Valentine, Greenfield, Ill. [11]

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What Jane Suffered.—A boy was asked to recite a piece in school at the annual examination. The program was of recitations by the bright children, and among them this particular boy was called on. He recited in good faith the following lines, which he had learned and put together from an indulgent nurse with a semi-poetical instinct:

Jane ate cake,
Jane ate jelly,
Jane went to bed
With a pain in her ——
Now, don't get excited,
Do not be misled,
For what Jane suffered
Was a pain in her head.

When the youngster told his parents they asked him what the teacher said? He replied: She said nothing. She turned around and looked out of the window, but the scholars and visitors wanted it repeated.—[*Retail Druggist.*

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I would like to send you a large and well-selected line of **Lace and Embossed Valentines,** together with an assortment of comic ones for children and a nice variety of the late novelties in **Fancy Box Goods, Drops, Mounts, Etc.,** embracing all the new styles and patterns of this year's make, running in price from one cent to $1.50 each. I would like to have you sell these goods for me on **Commission.**

You do not pay for them until they are sold. Then you deduct your commission and send my portion when you return the goods (if you have any to return) after Valentine Day is over.

Established 1884
21st Year, 1905

ANY DRUGGIST CAN SELL THEM

Write to me and I will send you printed matter that will explain my system and tell you all about it.

NOTE:—I supply a large line of American and Foreign High Art Novelties, such as Drops, Mounts, Cards, Folders, Booklets, Fancy and Elaborate Postal and Pulling Cards, Scenic Displays, Comical Postal, Unique Designs, New Effects and Combinations that will sell as **Christmas** and **New Years Cards** as well as Valentines. It will pay you to send for my Booklet and explanation of how I consign this elegant line early. **Write at once.**

GEORGE S. CARRINGTON, 307 W. Van Buren St., CHICAGO, ILL.

VALENTINES

A LEGITIMATE QUIZ BOOK.

"PHARMACEUTICAL INTERROGATIONS"

By J. H. Beal, Sc. D., Ph. G.,

Professor of Chemistry and Pharmacy and Dean of the Department of Pharmacy of Scio College.
Professsor of Chemistry and Metallurgy, Pittsburg Dental College.
Professor of Applied Pharmacy, Pittsburg College of Pharmacy.

A list of Classified Questions upon subjects pertaining to Pharmacy, accompanied by References to Standard Authorities.

FOR THE USE OF STUDENTS.

154 printed pages with 190 blank pages for notes. Cloth. Red edges. Price by mail, $1.25.

Trade Mark

Fistula, Poll Evil

and all blemishes on horses cured with

HAMER'S Sure Cure

Removes lumps of all kinds on Cattle, Hogs and Horses.

Cures Ringbone, Spavin, Sweeney, Thoroughpin, Wire Cuts, Curbs, Warts, Splints, Collar and Saddle Boils, Sprains or Swellings, Distemper, Lump Jaw and Foot Diseases of Cattle.

Guarantee: No Cure, No Pay. *Order from your jobber, or*

Hamer's Sure Cure Co., Vermont, Illinois.

NEWS FROM HERE AND THERE.

Sozodont Guaranteed Not to Freeze.—The manufacturers inform us that they have always guaranteed Sozodont not to freeze. This article is erroneously given in a number of lists of goods liable to freeze. Our readers are requested to cross it out wherever found. Please make the correction in the list on page 102 of the MEYER BROTHERS DRUGGIST for October.

M. D. Holt Co., Green Bay, Wis., with a capital of $50,000.00 all paid in, is about ready for business in the drug line. They will manufacture and handle a special line of medicines.

R. C. HARVILL.

R. C. Harvill, Ph. G., has resigned his p[illegible] with Wm. R. Warner & Co., of Philadelphia, and is now a member of the firm of Mathis & Harvill, at Cotton Plant, Ark. Mr. Harvill is a thorough pharmacist and a genial young man who is certain of success.

St. Helen, Ore.—Edwin Ross has sustained a severe fire loss in his drug store in this city.

Boise, Ida.—The Paulson Drug Co. has purchased the business of the Wilson Pharmacy.

Fairfield, Neb.—C. I. Bernard has sold his interest in the drug store of Bradwell & Bernard.

Warren, Ark.—Bailey & Hamson have succeeded to the drug stock of Bailey & Thompson.

Harlan, Neb.—Dr. Gibson, of Oakland, Ia., has purchased the drug store of M. B. Downs.

Marquoketa, Ia.—Broxam & Hinkley have purchased the drug business of Walter Doe & Co.

Stanton, Neb.—Edward S. Peterson will shortly open a new stock of drugs in this city.

The Georgia Board of Pharmacy meets at the Kimball House, Atlanta, Monday, November 14.

Medical Lake, Wash.—M. J. Grady has recently engaged in the drug business in this city.

Auburn, Wash.—V. R. Bissell & Co. have sold out their drug business to Fowler & Mason.

Sapulpa, I. T.—Campbell & Ritchey have succeeded to the drug store of Straight & Ritchey.

Beemer, Neb.—The Frasher Drug Co. has sold its business in this city to the Swartz Drug Co.

Waleetka, I. T.—Hildmeyer & Co. have succeeded to the drug business of Hildmeyer & Burke.

Memphis, Tex.—Eikins & Maige have sold out their pharmacy in this city to C. N. Montgomery.

Schleswig, Ia.—McGarvey & Schultz have succeeded to the drug business of Walters & McGarvey.

Sylvan Grove, Kan.—J. G. B. Pinney & Co. have purchased the drug business of R. Wohler & Co.

Blue Mound, Kan.—Kinne & Son have established themselves in the drug business at this point.

Guthrie, Okla.—The Occidental Chemical Co. has been incorporated with a capital stock of $50,000.

Rosewood, Tex.—Doss & McKee have been succeeded in the drug and grocery business by C. H. McKee.

Sylvan Grove, Kan.—Shelksohn & Witte have been succeeded in the drug business by Shelksohn & Co.

Pueblo, Colo.—R. J. Bruner has purchased a half interest in the Triangle Pharmacy of W. H. Mizner.

Columbus, Neb.—W. Schupbach has sold his drug business in this city to C. H. McClintock, of Omaha.

Raymond, Neb.—N. A. Mickey, a druggist and grocer is selling out his grocery stock and will remove to Clatonia.

St. Joseph, Mo.—The Hartwig-Machen Pharmacy has been incorporated in this city, with a capital stock of 7,000.

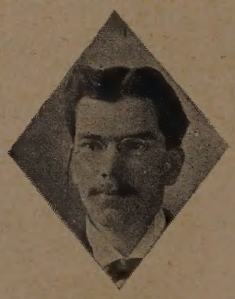
Span Bros., of Wyoming, Ill., bought out the Simmons Pharmacy, of Farmington, Ill., and will run the two stores as Span Bros.

M. S. Middlesworth, Lamar, Mo., proprietor of the Diamond Drug Co., and an influential citizen of his section of the state, enjoyed an extended visit at the Fair.

Charles E. Dohme, Baltimore, Md., chairman, Board of Trustees, U. S. Pharmacopœial Convention, accompanied by Mrs. Dohme, and Miss Ouida spent some time visiting the Fair during October.

A. L. Wolcott, manager of the World's Fair Concessions of The Welch Grape Juice Co., Westfield, N. Y., is one of the busy men, for he is always carefully looking after every detail of business.

Edward Litzrodt, the enterprising South Hill druggist, of Burlington, Ia, will be married November 9 to Miss Jennie Marshall, one of Burlingtons most popular teachers. Mr. Litzrodt is a graduate of St. Louis College of Pharmacy, "97."



EDWARD LITZRODT.

W. H. Graff, is successor to H. E. Wiley & Co., of Muscatine. Mr. Graff is from Iowa City, Ia., where he successfully run a drug store for many years.

Kansas City Items.

The Wettest, The Coolest and the healthiest season on record is what the Kansas City druggists have had to contend with this season. Yet they are all cheerful and hopeful that it will at least be dryer and hotter next year.

Q P. Brown recently joined the ranks of the Kansas City retail druggists having purchased the store at the corner of Twenty-second and Olive Streets, formerly owned by Brightwell & Landis. This is one of the well located drug stores, and Mr. Brown was fortunate in securing so desirable a location.

NEWS FROM HERE AND THERE.

Springdale, Wash.—I. S. Clark has sold his drug store to B. L. Jones.

Howe, Tex.—A. Morrison has sold his drug business to F. C. Allen.

Marshall, Ark.—Smythe & Taylor have just engaged in the drug business..

Avery, Ia.—P. N. Nysoe has purchased the drug business of Thos. J. Talboy.

Havre, Mont.—A. J. Broadwater has discontinued his drug store at this point.

Burrton, Kan.—J. S. Arbrey has purchased the drug business of J. S. Chism.

Sherman, S. D.—C. F. Clancy has sold his business to the Sherman Drug Co.

Dodge, Neb.—J. W. Bobisud has purchased the drug stock of Ira E. Atkinson.

Mullinsville, Kan.—Phillips & Crauer have sold their drug stock to W. C. Hart.

Struble, Ia.—Dr. Treichler has purchased the business of the Struble Pharmacy.

Collins, Ia.—Campbell & Shearer have been succeeded by the Shearer Drug Co.

Kremling, Colo.—W. M. Hindman & Co. have sold their drug stock to H. E. Colby.

Gallup, N. M.—T. A. Waring has succeeded to the drug business of Waring & Hinch.

Columbus, Neb.—G. H. McClintock has purchased the drug business of W. Schubach.

Mitchell, Ore.—F. H. Jenkins has succeeded to the drug business of Jenkins & Wilson.

Charles City, Ia.—G. H. Hayward has purchased the drug business of B. C. Thomas & Co.

Boise, Ida.—The Parsons Drug Co. has succeeded to the business of the Wilson Pharmacy.

F. G. Kerr, Van Buren, Ark., enjoyed the Fair in an extended visit in St. Louis last month.

Sheldon, Ia.—J. R. Cajacob & Co. have purchased the drug and paint business of Shipley & Co.

Grannis, Ark.—J. E. Poe has succeeded to the drug business of the old firm of Poe & Johnson.

Van Alstyne, Tex.—Brown, Cartwright & Dunning have succeeded to the drug business of Brown & Cartwright.

W. R. Dickinson, formerly of Lead, S. D., has given up the drug business and is dealing in real estate at Los Angeles, Cal.

August Breunert, of Kansas City, in company with his daughter, spent three weeks studying the World's Fair, during October.

The Roessler & Hasslacher Chemical Co., of New York City, has been awarded a grand prize at the Louisiana Purchase Exposition.

Louis Grother is a prominent business man of Cole Camp, Mo. He leased his former place as a hotel and moved his drug store into a new building.

A. Chadrick Brandenberger is the name of the young man born October 13, and congratulations are being extended to Mr. and Mrs. A. Brandenberger, of Jefferson City, Mo.

Charles Miller, who attended the A. Ph. A. meeting at Kansas City is a pharmacist in the Public Health and Marine Hospital Service at Santa Rosa Quarantine, Pensacola, Fla.

Kansas City College of Pharmacy.

The Class Election was held September 26, resulting as follows: C. E. Reed, president; M. E. Harrah, vice-president, and D. S. Long, secretary and treasurer.

The Twenty-first Term of K. C. C. of P. and N. S. opened September 19. Addresses were made by Rev. J. C. Reed and Mr. J. M. Love, president. The Alumni Association members assisted in receiving the students.

Carl Hudson, Pawnee, Okla., 1904, Earle E. Drown, Logan, Kans., 1904, Walter A. DeGraw, Westmoreland, Kans., 1904, Chas. Hassig, Amoret, Mo., 1904, Frank Robbins, Council Grove, Kans., 1899, visited friends here carnival week.

The Alumni Association Lost one of its most popular members on September 29, when Ralph J. McNulty died, after an operation for peritonitis, his illness lasting only two days. He was 24 years of age and graduated in 1902. He was the first vice-president of the association, and, besides his parents and brother, leaves hosts of friends to mourn his loss. Burial at Chanute, Kans.

OUR FULL HOLIDAY LINE IS NOW ON DISPLAY
SEE US WHEN YOU COME TO THE WORLD'S FAIR
THE MARK OF REX QUALITY HIGH DEGREE
BLACKWELL-WIELANDY BOOK AND STATIONERY CO.
714-716-718-720 Washington Avenue, SAINT LOUIS
800 PAGE CATALOGUE SENT FREE TO ALL DEALERS

NEWS FROM HERE AND THERE.

Earl C. Brink has changed his address from Omaha to Ord, Neb.

Jeff Brown is proprietor of Brown's Pharmacy at Bosworth, Mo.

Bee, Neb.—J. E. Hoye has purchased the pharmacy of S. G. Linch.

Malad City, Ida.—D. W. Brown has retired from the Malad Drug Co.

Phoenix, Ariz.—The Western Pharmacal Co. has been incorporated here.

Spaulding, Neb.—R. Rieland has engaged in the drug business here.

Elbert, Col.—Fred Long has purchased the pharmacy of O. R. Long.

Chula, Mo.—E. F. Ogan has opened up a new stock of drugs in this city.

Hedrick, Ia.—J. A. Wray has purchased the drug stock of F. L. Stolte.

King City, Mo.—C. S. Peters has sold his drug business to Carl J. Agee.

Wynne, Ark.—The drug stock of T. A. Bedford has been destroyed by fire.

Edgar, Neb.—W. Brookley has purchased the pharmacy of M. P. Dawson.

Hot Springs, Ark.—The Kimball Drug Co. has engaged in business at this point.

Laredo, Tex.—A. M. Horner has sold out his drug business to G. C. Horner.

Burrton, Kans.—The A. & A. Drug Co. has purchased the business of I. S. Chism.

Sandy Hook, Mo.—S. J. Burch has purchased the drug stock of John T. Sims.

Adel, Ia.—S. A. Douglas has disposed of his pharmacy to Forrester Brothers.

Vermillion, S. D.—H. E. Vaughn has sold out his drug business to J. B. Daily.

Lawson, Neb.—H. A. Tiehen, Jr., has sold his drug business to T. P. Cummings.

Nehawka, Neb.—D. D. Adams has purchased the drug business of E. G. King.

Anamosa, Ia.—Chas. R. Howard has sold out his drug business to A. Gibbons.

Belt, Mont.—Mrs. H. Chambers has succeeded to the drug business of J. Chambers.

Atlantic, Ia.—F. Franklin has purchased the Fried-Harris Pharmacy, in this city.

Stanton, Neb —The drug store of J. J. England has been slightly damaged by fire.

Fairport, Mo.—H. C. Burnham has sold out his drug business to A. P. Yeater & Co.

Douglas, Ariz.—C. W. Miller has sold out his stock of drugs to Robinson Brothers.

Spokane, Wash.—The Spokane Drug Co. has built a $12,000 addition to its building.

Cameron, Mo.—N. E. Owen has succeeded to the drug business of Owen & Hook.

Oakland, Ia.—Williams & Coy have sold out their drug business to Jones & White.

Coal Gill, Ark.—P. Hensley has moved his stock of drugs from this city to Kentucky.

Union, Ore.—H. J. Schwanberg has sold out his pharmacy in this city to G. Levy.

Herrington, Kans.—Burt Ward has disposed of his stock of drugs to Henry C. Kandt.

Coffeyville, Kans.—E. Nichols & Co. have purchased the drug business of Ed. Rammell.

Reardan, Wash.—A. O. Hanel has bought out the business of the Pioneer Drug Store.

Shenandoah, Ia.—J. C. Webster & Co. have purchased the business of Geo. T. Clark & Co.

Chraneville, Mo.—Milton Bennett has sold out his drug business to Coleman & Shearon.

Bald Mountain, Colo.—C. A. Bourk has moved his stock of drugs from this point to Denver.

Iowa City, Ia.—The Shrader Drug Co. has been incorporated, with a capital stock of $50,000.

Cherryvale, Kans.—Arbuthnot & Armstrong have just engaged in the drug business at this point.

Taloga, Okla.—C. N. Duckett has succeeded to the entire business of the Duckett-Iles Drug Co.

Pilot Point, Tex.—F. U. Painter has been succeeded in the drug business by Painter & Whiteside.

Addy, Wash.—Al. Weatherman has succeeded to the entire drug business of Long & Weatherman.

Bucklin, Kans.—Con Hart has purchased the drug business of the old firm of Phillips & Cramer.

Weatherford, Tex.—The Reynolds Drug Co. will open for business in this city about November 1.

St. Joseph, Mo.—The Bruce-Self Drug Co. has purchased the business of the Bruce-Elfred Drug Co.

Lawton, Okla.—R. T. Williams has purchased the Model Drug Store and will move it to Leger, Okla.

Hughes Springs, Tex.—B. T. Ledbetter & Co. have succeeded Ledbetter & Ledbetter in the drug business.

Petersburg, Neb.—Theo. Schacher has purchased Mr. Fitch's interest in the drug firm of Wood & Fitch.

Marshall, Ark.—Smyth & Henley have been succeeded in the drug business in this city by Smyth & Taylor.

Fairfield, Neb.—Bradwell & Knapp have succeeded to the drug business of the old firm of Bradwell & Bernard.

Seattle, Wash.—The Bartell Drug Co. has started a branch at 610 Second Avenue, to be known as the Red Cross Annex.

WALL'S PHARMACOGNOSY NOTES, NEW EDITION, POSTPAID, $3.00.

SYRUP OF FIGS

★ ★ ★ ★ ★

In order to maintain regular prices, we adhere to the "Tripartite Contract Plan".

We manufacture an excellent laxative remedy and advertise extensively to make business for the drug trade and ourselves.

We do not claim to excel in other things, but we endeavor to do one thing well and to give satisfaction to the trade.

We appreciate the friendly interest which druggists generally have taken in the sale of our remedy, **Syrup of Figs**, and we thank them most cordially. We are,

Yours truly,

CALIFORNIA FIG SYRUP COMPANY,

SAN FRANCISCO, CAL.

LOUISVILLE, KY. **NEW YORK, N. Y.**

TRADE NOTES.

Peckham's Croup Remedy is beyond question one of the most effective patent medicines on the market. It always gives satisfaction. The manufacturers are Peckham's Croup Remedy Co., Freeport, Mich.—[Unsolicited testimonial in *Bulletin of Pharmacy*, Detroit, Mich., October, 1904.

If You Have Never Handled Rudy's Pile Suppositories and desire to do so, it will pay you to write at once and send me the name of your jobbing house, and I will send to you in their care, *free of all charges*, two (2) boxes Rudy's Pile Suppositories, which retail at 50 cents each, with free samples, a neat metal sign, etc. They are now sold and recommended by over 5,000 druggists in this country, so you need not hesitate to place confidence in them. Manufactured by Martin Rudy (registered pharmacist), Lancaster, Pa.

Passing of a Patriot.—"So poor Cottenham is gone?

"Yes, the doctors said only a Spanish blister could save him, but he wouldn't have it."—[*Chicago News*.

Dr. Harter's 1905 Almanac

GOLDEN ANNIVERSARY NUMBER

Will be furnished the Trade both for Counter Use and Name Lists.

Make your requisition or send Name List to

The Dr. Harter Medicine Co., Dayton, Ohio

IT IS A ...
QUICK SELLER

IT GIVES ...
PERFECT SATIS-FACTION

IT COSTS YOU
$3.50
PER DOZEN

We Have It in Stock Now
HAVE WHAT?
The Zona Face Pomade

WHAT IS IT? It is the Complexion Powder the ladies have been asking you to get.

THE ZONA TOILET CO.
LOCK BOX 497 - - WICHITA, KAN.

For Sale by MEYER BROTHERS DRUG CO.

The Way to Order
is
6 FLESH
4 WHITE
2 BRUNETTE

ORDER ONE DOZEN OF YOUR JOBBER AND SEND TO US FOR WINDOW DISPLAY AND ADVERTISING MATTER

NEWS FROM HERE AND THERE.

Wall's Lessons in Latin, postpaid, $1.50.

A Pink Envelope means subscription due.

Arizona has a pharmacy law, and the secretary of the board is A. G. Hulett, Phoenix, whom you should address. If we can be of further service, let us know.

Board of Pharmacy Examinations have been considered in the columns of the MEYER BROTHERS DRUGGIST as follows:

BOARD.	PAGE.	YEAR.	BOARD.	PAGE.	YEAR.
Arkansas.....	110	1898	Nebraska	193	1895
California.. ..	60	1897	Nebraska	88	1896
Colorado	51	1896	New Mexico...	862	1901
Colorado	884	1896	New York.....	85	1901
Connecticut...	230	1902	North Carolina	294	1892
Dist. Columbia	401	1901	North Dakota.	243	1896
Georgia.	25	1892	Oklahoma. ...	210	1893
Illinois	77	1898	Oklahoma.....	327	1897
Louisiana.. .	128	1897	Oregon.....	286	1897
Louisiana.....	71	1900	Oregon.....	430	1897
Louisiana.....	12	1904	Oregon.....	74	1903
Massachusetts	182	1904	Pennsylvania..	104	1900
Massachusetts	165	1904	Quebec.... ...	86	1897
Minnesota . ..	55	1901	South Dakota.	338	1900
Missouri	112	1894	Virginia.....	52	1892
Missouri	345	1903	Virginia. .	325	1895
Missouri	79	1904	Virginia.....	76	1899
Missouri	208	1904	Washington...	382	1892
Mississippi....	474	1895	West Va.....	128	1901
Mississippi....	103	1900	Wisconsin....	89	1892
Montana	438	1895			

The charge for above copies is twenty-five cents each.

Rockport, Mo.—Sharey & Ireland have sold their drug stock in this city to C. H. Winder.

Henry T. Wood, has been established in the drug business at Dyersburg, Tenn., since 1899.

Galt, Mo.—Parrish Bros. have been succeeded in the drug business at this point by I. N. Parrish.

Bee, Neb.—S. G. Lynch has sold out his stock of drugs and notions in this city to J. F. Hoye.

St. Edwards, Neb.—G. A. Ireland will sell out his interest in the drug firm of Ireland & Gibson.

Sumner, Wash.—Hodge & Mitchell have been succeeded in the drug business by C. W. Hodge.

Thomas F. Brann, Jr., Ph. G., has been succeeded by the Lincoln Drug Co., at Lincoln Center, Kan.

L. B. Kirby, Ph. G., of Harrison, Ark., was married recently, and with his bride visited the World's Fair.

Red Lodge, Mont.—The Finish Drug Co. has been incorporated in this city, with a capital stock of $8,000.

Northcutt & Loomis, of Hannibal, Mo., have dissolved partnership. Mr. Loomis will continue the business.

Miss Jean Gordon, of Chicago, spent a few days in St. Louis on her way home from a visit on the Pacific Coast.

Wahoo, Neb.—Planck & Johnson have succeeded to the drug business formerly conducted by Planck & Youngstedt.

Fred Kick, the druggist of Farmington, Ia., is giving his store a general overhauling and has added new floor show cases.

The Rhode Island College of Pharmacy, located at Providence, has moved into its new, handsome and commodious home.

Groveton, Tex.—Jacobs & McDonald, druggists of this city, have dissolved, and the business will be continued by Mr. McDonald.

Miss Jean Gordon, proprietor of two retail drug stores, Chicago, Ill., missed the A. Ph. A. meeting but enjoyed an extended tour of the far West.

J. S. McElhinney, president of McElhinney Drug Co., Washington, Ia., has returned from a visit to the World's Fair and reports having a good time.

L. K. Snodgrass, of Little Rock, Ark., visited the World's Fair in company with his wife, both of whom expect to attend the A. Ph. A. convention next year.

A. Timberlake, secretary of the Indiana Pharmaceutical Association, with his office at Indianapolis, is a very useful man in his own state and also valued in national pharmacentical affairs.

R. L. Hope, of Centralia, Mo., ex-president of the state association, was obliged to miss the A. Ph. A, Convention, also the N. A. R. D. His absence was a loss to both organizations.

The Jasper County (Mo.) Retail Druggists' Association met, October 4, in the store of the President, Charles L. Wright, of Webb City. The meeting was interesting and beneficial to the trade.

Mr. J. N. Ross, has moved his earthly belongings and family from Mt. Pleasant, Ia., to Knoxville, Ia., where he will take an active part in the drug firm of Bosworth & Ross, the up-to-date drug store of Knoxville.

"The Independent Druggist and Advertising Economist" is the name of a new publication issued at 377 West Lake Street, Chicago. We welcome our new exchange and trust its journey of independence may be a long and successful one.

J. S FLEMING, PH. G.
Miltonville, Kan.

SETH FLEMING, PH. G.
Enterprise, Kan.

Seth Fleming, Ph. G., is junior member of the firm of J. W. Fleming & Son, of Enterprise, Kan. They succeed the firm of Scrafford & Flack.

John S. Fleming, Ph. G., proprietor of the Fleming Pharmacy, at Miltonville, Kan., spent some time visiting the World's Fair. He reached home in time to make the acquaintance of the nine-pound son who called upon him September 23.

WALL'S PHARMACOGNOSY NOTES, NEW EDITION, POSPAID, $3.00.

GOOD NEWS

For the Retail Druggists of America

The Peruna Drug Manufacturing Company has concluded to put into operation a Direct Contract Serial Numbering Plan with a minimum provision of 83c. It is distinctly understood, however, that wherever our goods are being generally sold for $1.00 per bottle, at present, such price must be maintained under any and all circumstances.

This plan has received the hearty endorsement of the National Association of Retail Druggists of America at their recent convention at St. Louis, and has been urged upon us by thousands of retail druggists in all sections.

Every Druggist should sign our Contract promptly and give us his encouragement by pushing the Peruna remedies whenever he can, as this plan means an outlay of $100,000 to put into operation. Help those firms that help you.

We have mailed a contract to every retail druggist in the United States. Sign contract at once and return to us promptly.

PE-RU-NA DRUG M'F'G CO.
Columbus, Ohio.

Schedule of Prices:

1 Dozen Pe-ru-na,	$8.00
2 Dozen Pe-ru-na,	7.75
12 Dozen Pe-ru-na,	7.50

SPECIAL PRICES LIST.

Neal's Carriage Paints.

"The Old Original"—The Kind That Sells the Best.

For repainting anything, indoors or outdoors, that requires a durable varnish-gloss finish.

	LIST PRICES. Qt.	Pt.	½ pt.	Assorted Case Contains. Qt.	Pt.	½ pt.
Raven Coach, Black	$0 75	$0 45	$0 30	6	6	6
Citron Yellow	75	45	30	1	2	2
Brewster Green	75	45	30	1	2	2
Brilliant Blue	75	45	30	1	2	2
Acme Wine	75	45	30	1	2	2
Coach Green	75	45	30	1	2	2
Carmine Red	1 00	60	40	2	4	4
Vermilion	1 00	60	40	1	2	2
Gross amount of regular assorted case					$29	25
Discount, at 40 per cent					11	70
Net price					$17	55

Write for sample card.

Neal's Carriage Top Dressing

For renewing the finish of leather and rubber tops, dashboards, satchels and leather goods of every description.

LIST PRICES.

½ pts. (2 doz. in case)	doz $ 4 00
Pints (1 doz. in case)	doz 6 00
Quarts (1 doz. in case)	doz 12 00
½ gallon cans	doz 24 00
Gallon cans	doz 40 00
Assorted case contains 3 quarts, 12 pints, and 12 half pints.	
Gross amount of regular assorted case	$13 00
Discount, at 50 per cent	6 50
Net price	$6 50

Acme Wagon and Implement Paints.

For repainting wagons, trucks, agricultural implements and heavy vehicles of every description.

LIST PRICES.

Colors—Blue, Red, Green, Yellow and Black.

Gallons	each $2 10
Half gallons	each 1 10
Quarts	each 60
Pints	each 35

Discount, 40 per cent. Write for sample card.

Acme Household Paints.

These paints are prepared particularly for household use and are unsurpassed for the purpose, fully meeting the many requirements in every home for paint of this character.

LIST OF COLORS.

Black, White, Peacock Blue, Dark Brown, Light Brown, French Gray, Pea Green, Sage Green, Dark Olive, Light Olive, Dark Red, Terra Cotta, Cream, Cherry Red, Lead Color, Lilac and Pink.

Net prices per can for above colors. { Standard size.....cts. Pints.....cts. Quarts.....cts.

Bright Red, Egyptian Green, Bright Blue, Light Yellow and Orange Yellow.

Net prices per can for above colors. { Standard size.....cts. Pints.....cts. Quarts.....cts.

In addition to above line, we offer:

Screen Green and Screen Black.

For painting screens, wire cloth, etc.

Net prices per can for these 2 colors. { Standard size.....cts. Pints.....cts. Quarts.....cts.

Write for sample card. Net prices on application.

Granite Floor Paints.

Quick Drying and Durable.

For painting interior floors, steps and surfaces of a similar character, where a quick-drying and durable article is required.

LIST OF COLORS.

Golden Yellow, Drab, Gray, French Yellow, Light Red, Deep Yellow, Deep Red, Light Brown, Lead Color } Net prices on application.

Write for sample card.

Davies' Varnish Stains.

For renewing the finish of furniture and woodwork of every description.

Stains and Varnishes at a single application. Produces handsome imitations of expensive woods.

	LIST PRICES. Qts.	Pts	½ Pts.	¼ Pts.	Assorted Case Contains. Qts.	Pts.	½ Pts.	¼ Pts.
Walnut	60	35	20	15	1	2	3	4
Cherry	60	35	20	15	1	2	3	4
Mahogany	60	35	20	15	1	2	3	4
Dark Oak	60	35	20	15	1	2	3	4
Light Oak	60	35	20	15	1	2	3	4
Dp. Rosewood	60	35	20	15	1	1	2	3
Bog Moss	60	35	20	15	1	1	2	3
Ebony	60	35	20	15	1	1	1	2
Deep Cherry	60	35	20	15	1	1	1	2
Gross amount of regular assorted case							$19	00
Discount, at 40 per cent							7	60
Net price							$11	40

Write for sample card.

Davies' Varnish Floor Stains.

For finishing floors, linoleum, oil cloth, wainscoting, doors and all interior woodwork, in exact imitation of expensive woods.

These Stains may be used on hard or soft woods, finished or unfinished surfaces, with equally satisfactory results.

	LIST PRICES. Per can. Gals.	½ gals.	Qts	Pts.	½ pts.
Walnut	$2 75	$1 45	$0 75	$0 45	$0 25
Light Oak	2 75	1 45	75	45	25
Mahogany	2 75	1 45	75	45	25
Cherry	2 75	1 45	75	45	25
Rosewood	2 75	1 45	75	45	25
Dark Oak	2 75	1 45	75	45	25
Natural Floor Finish	2 75	1 45	75	45	25
Ground Color.	2 25	1 20	65	35	20

Discount from above prices, 40 per cent.

Neal's Enamels.

The Genuine.

This is a line of genuine Enamels, prepared specially for application upon furniture, woodwork and earthen and metal ware of all kinds.

Assorted Case Contains Pt.	½ Pt.	¼ Pt.	LIST PRICES.
1	1	2	Lustrous Black
2	2	4	Dead Black, or Ebony
4	4	8	Snow White
1	1	2	Nile Green
1	1	2	Blue Tint
1	1	2	Pale Primrose
1	1	2	Sea Green.
2	2	4	Ivory
1	1	2	Flesh Tint.
1	1	2	Cream
1	1	2	Wild Rose
1	1	2	Apple Green
1	1	2	Silver Grey
1	1	2	Gobelin
1	1	2	Oak Brown
1	1	2	Brilliant Blue
1	1	2	Vermilion
1	1	2	Almerian Green
1	1	2	Oriental Blue

Per Can.
¼ pts., 20c.
½ pts., 35c.
Pts., 60c.
Qts., $1 10
½ gals., 2 10
Gal., 4 00

	¼ pt.		Per Can.
In glass bots put up in ¼-pt. tin ctns.	9 Gold	9 Silver	¼ pts. only 20c.

Gross amount of regular assorted case $36 00
Discount, at 50 per cent 18 00
Net price 18 00
Write for sample card.

Neal's Screen Enamels.

Made particularly for finishing window and door screens, etc. Does not clog the meshes, and imparts a perfect enamel surface.

	LIST PRICES. Qts.	Pts.	½ pts.	Assorted Case Contains. Qts.	Pts.	½ pts.
Green	$0 60	$0 35	$0 20	4	6	12
Black	60	35	20	2	3	6
Gross amount of regular assorted case					$10	35
Discount, at 40 per cent					4	14
Net price					$6	1

Write for sample card.

Neal's Bath-Tub Enamels.

Resist action of hot and cold water, steam, or moisture in any form.

For producing a hard, smooth enamel finish upon Bath-Tubs, Foot-Baths, Sinks, etc.

	LIST PRICES. Qt.	Pt.	½ pt.	Assorted Case Contains. Pt.	½ pt.	¼ pt.
Pure White	$1 40	$0 75	$0 45	$0 25	4	12	12
Ivory	1 40	75	45	25	2	6	6
Blue Tint	1 40	75	45	25	1	3	3
Sea Green	1 40	75	45	25	1	3	3
Gross amount of regular assorted case						$22	80
Discount, at 50 per cent						11	40
Net price						$11	40

Write for sample card.

Neal's Aluminum Enamels.

The kind for Radiators, Registers, Steam Pipes, Gas Ranges, Stoves, Ovens, Lamp Posts, Letter Boxes, Grates, Ornamental Iron Work, Machines and metal surfaces of all kinds.

It is unaffected by extreme heat, cold or moisture; remains bright and attractive, and can be applied by any inexperienced person.

LIST PRICES.

Gallon cans	gal $7 00
Half gallons	gal 7 20
Quarts	each 1 85
Pints	each 1 00
Half pints	each 55
Quarter pints	each 30

Discount, 50 per cent.

Neal's Florentine Enamels.

Imparts a durable and brilliant finish to Stove Pipes, Registers, Oil Stoves, Radiators, Gas and Gasoline Ranges, Heating Drums, Grates, Coal Hods, etc. Withstands extreme heat. Anybody can apply it.

LIST PRICES.

	Qts	Pts.	Per doz. ½ pts.	¼ pts.
Russian Iron Color	$13 20	$7 20	$4 20	$2 40
Black	7 20	4 20	2 40	1 80

Discount from above prices, 50 per cent.

Neal's Cycle Enamels.

For re-enameling Bicycles that have become scratched and defaced, in the latest popular colors.

NEAL'S CYCLE ENAMELS—Cont'd.

LIST OF COLORS.

Jet Black, White, Ivory, Buttercup Yellow, Robin's Egg Blue, Royal Blue, Extra Deep Blue-Gr'n, Bright Red, Sterling Green, Carmine Maroon, Stearn's Yellow } Net prices on application.

Brewster Green, Bull Frog Green—L'gt, Golden Brown—Light. } Write for sample card.

TRADE NOTES.

Wall's Lessons in Latin, postpaid, $1.50.

World's Fair, St. Louis, April 30 to December 1.

Retail Pharmacists will find it profitable to read the advertisement of the Colgan Gum Co., Louisville, Ky. Taffy Tolu Chewing Gum sells itself when once introduced. There are twenty free samples in each box and these samples properly distributed sell the goods. Retailers profit 100 per cent.

Major's Cement Pays a Dividend.—To the stockholders of the Alphonse Major Cement Co., manufacturers of Major's Cement, for mending china, glassware, household articles, etc. A quarterly dividend of 1½% will be paid to the stockholders of this company at the company's office, 461 Pearl Street, New York City.

We Call Our Readers' Attention to the advertisement of the Berry Chemical Co. Berry's Face Cream and Freckle Ointment is sold under a guarantee, and any dealer is authorized to refund the purchase price to any dissatisfied customer. These goods may be obtained through any jobbing drug house. The Berry Chemical Co., 602 Garden City Block, Chicago.

The Best of All, and, for over sixty years, an old and well-tried remedy. Mrs. Winslow's Soothing Syrup has been used for over sixty years by millions of mothers for their children while teething, with perfect success. It soothes the child, softens the gums, allays all pain, cures wind colic, and is the best remedy for diarrhœa. Sold by druggists in every part of the world.

The Attention of Our Readers is called to the advertisement of George Tolley, Newark, N. J., in which he offers to mail, for the purpose of introducing a new and beautiful line of pictures, a sample copy of "Gems of Art," consisting of twenty handsome pictures of the human form divine. This is a special introductory offer, and will not appear again. Look up his ad. on page 112 and write today.

Wallace & Co., of New York, are offering to all buyers of five or more boxes of Sa-Yo Mint Jujubes, a free window display outfit provided you will agree to display their goods for a period of not less than one week. This display will be furnished when Wallace & Co. see your original invoice sent to your jobber.

1 box of Sa-Yo Mint Jujubes, 48 5c packages free; 250 Sa-Yo Mint Tasting samples free; 2 large cut outs free; 2 handsome signs free; 5 window plasters free with above order.

If You Have Never Handled Rudy's Pile Suppositories and desire to do so, it will pay you to write at once and send me the name of your jobbing house, and I will send to you in their care, *free of all charges*, two (2) boxes Rudy's Pile Suppositories, which retail at 50 cents each, with free samples, a neat metal sign, etc. They are now sold and recommended by over 5,000 druggists in this country, so you need not hesitate to place confidence in them. Manufactured by Martin Rudy (registered pharmacist), Lancaster, Pa.

All Dealers in medicines and proprietary goods can recommend Brown's Bronchial Troches with confidence. Fifty years of success prove these Troches to be the best remedy extant for coughs, hoarseness, bronchial and lung troubles. They are sold only in boxes. The title "Bronchial Troches" was established as a trade-mark by John I. Brown & Son, Boston, Mass , in 1856. Making or selling lozenges under the name of "Bronchial Troches" is a violation of this trade-mark, which has been sustained by the courts in numerous cases.

Mention Has Been Made in These Columns from time to time of the necessity of keeping your store fixtures and stock clean. Dust is the hardest problem you meet, because it is so difficult to control. Floor oil is unsatisfactory because it gives the floor an unsightly appearance, and is a source of annoyance to your women customers. Wet sawdust is better than nothing, but it spots the floor and makes it rough and porous. The Milwaukee Dustless Brush Co., are the manufacturers of a brush which will sweep your floor without raising a particle of dust, and moreover, a floor which is continuously swept with this brush presents a clean and bright appearance.

System Store Lighting.—For store lighting, for light that can be depended upon every day, year in and year out, there is nothing so reliable as the Brilliant Gasoline Lamps. They never disappoint, and require less care and time to run and keep in perfect working order than any other lamp or system of lamps.

As each lamp works independently, if ten or a dozen are used in a store and by chance bad gasoline gets into one of them, it does not affect or interfere with the others, and they can be used while this one is being cleaned out and put in order. For this reason we recommend the Brilliant Lamps above all other methods of store lighting, and do so with the utmost confidence in our judgment from an experience of over thirty-five years in the lamp and lighting business, both wholesale and retail, and upon investigation it will be found that the best lighted stores through the country are supplied with Brilliant Lamps, many of which have been in use during the past five or six years.—[THE BRILLIANT GAS LAMP CO., 42 State Street, Chicago, Ill.

Horlick's Price List.

Horlick's Malted Milk.		Doz.
Small size	($0 50)	$ 4 50
Large size	(1 00)	9 00
Hospital or family size	(3 75)	36 00

Horlick's Malted Milk Lunch Tablets. Plain or Chocolate Flavor.		
Small size	($0 50)	4 50
Large size	(1 00)	9 00
Hospital or family size	(3 75)	36 00

Horlick's Food.		
Small size	($0 40)	3 60
Large size	(75)	6 75
Hospital or family size	(2 85)	27 80

Horlick's Diastoid.		
A diastatic dry Extract of Malt, regular size	($0 50)	4 50

Five per cent. (5%) will be allowed on orders amounting to $27.00. Orders may be assorted as desired.

Esterbrook's Pens.	Gro.
No. A1, Professional	$0 50
No. 2, Ladies' Falcon	50
No. 14, Bank, Bronze	45
No. 62, American Congress	60
No. 048, Falcon	45
No. 126, Double Spring, Gray	60
No. 127, Double Spring, Gray	60
No. 128, Extra Fine Elastic, Gray	50
No. 130, Easy Writer, Gray	50
No. 135, Double Elastic, Gray	50
No. 161B, Engrossing Short Nib, Bronze	60
No. 182, Ladies' Falcon, Bronze	45
No. 239, Chancellor, Gray	60
No. 280, J. Black	50
No. 284, Blackstone, Black	60

Dr. Kline's Remedies.	Doz.
Nerve Restorer, large	$16 00
Nerve Restorer, small	8 00
Anti-Bilious Elixir and Blood Purifier	8 00
Throat and Lung Cure	8 00
Antiseptic Tonic	8 00
Invigorating Tonic	8 00
Ladies' Elixir	8 00
Rheumatic and Neuralgic Specific	8 00
Catarrh Specific	8 00
Bon-Ton Skin Bath, large	8 00

WALL'S PHARMACOGNOSY NOTES, NEW EDITION, POSTPAID, $3.00.

NEWS FROM HERE AND THERE.

Hewins, Kan.—E. C. Pyatt has purchased the business of the Allen Drug Co.

G. T. Simmons, formerly of Butte, Mont., is now located at Kindred, N. D.

Huxley, Ia.—O. J. Seward has purchased the business of the Apland Drug Co.

Wertz & Brother, of Chappell, Neb., are putting in a full new stock of drugs.

Muscatine, Ia.—Wiley & Co. have sold out their drug business to W. H. Graff.

Giddings, Tex.—J. A. Fields & Co. have sustained a considerable loss by fire.

Harlan, Neb.—Dr. A. E. Gibson has purchased the M. B. Downs drug stock.

Post Falls, Ida.—Daniel Boyd is opening up a new stock of drugs, etc., here.

San Antonio, Tex.—J. W. Dowling, a druggist of this city, is reported deceased.

Topeka, Kans.—Carlo W. Jones has purchased the drug store of Frank Keith.

Creston, Wash.—W. F. Harmon has purchased the drug store of R. E. Wright.

Galena, Kans.—E. H. Shellach, who had a drug store here, is reported deceased.

Velasco, Tex.—H. A. Billington has purchased the drug store of J. E. Johnson.

Coldwater, Kan.—L. M. Rich has purchased the drug stock of Geo. G. Laughead.

Onslow, Ia.—The death is reported of A. E. Dougherty, a druggist of this city.

Keokuk, Ia.—E. H. Gwinn has sold out his drug business to Phelps & Sauerwein.

Fairfield, Neb.—T. Knapp has purchased the drug stock of Bradwell & Bernard.

Avard, Okla.—P. B. Patton has purchased the stock of drugs, etc. of L. O. Wyatt.

Hyannis, Neb.—Ames Bros. have purchased the drug store and practice of Dr. Barr.

Hannibal, Mo.—L. T. Brittingham has sold out his drug business to Wm. DeGaris.

Denison, Kans.—J. W. Darlington has sold out his stock of drugs to J. S. Brubaker.

San Antonio, Tex.—The death is reported of J. E. Dowling, a druggist of this city.

R. P. Roziene is an active pharmacist with the firm of Ben L. Bear, at Phœnix, Ariz.

Humphrey, Neb.—Reinart Reiland has purchased the pharmacy of John P. Dunkel.

Morrison, Okla.—G. M. Coffman has purchased the business of the Morrison Drug Co.

Nettleten, Mo.—Mrs. S. E. Stroup has succeeded to the drug business of Dr. E. Stroup.

Boise, Ida.—A. C. Wilson has sold an interest in the Wilson Pharmacy to F. M. Parsons.

Marshall, Ark.—Smith & Henley have succeeded to the drug business of John W. Smith.

Cedar Bluffs, Kans.—Dr. A. L. Nichols has sold out his drug business to A. V. Olmstead.

Belmond, Ia.—T. H. Kennefick has sold his drug business in this city to H. L. Schultz.

North Bend, Neb.—W. W. Roberts has sold his drug business in this city to John Tapster.

Newton, Kan—Smith & Olmstead have succeeded to the drug business of Hinkle & Smith.

San Antonio, Tex.—T. J. Spellessy will engage in the drug business here within a rew days.

Webster City, Ia.—M. A. Little, a pharmacist of this city, has given a bill of sale for $4,500.

Peterson, Ia.—Bender Bros. have been succeeded in the drug business by Bender & Barber.

Greenville, Ia.—The Wilson-Dickey Co. has moved its drug stock from this point to Royal.

Lincoln, Neb.—The Wright Drug Co. is moving its stock from this point to Fairmont, Neb.

North Bend, Neb.—W. W. Roberts has sold out his drug store in this city to J. R. Tapster.

Dubuque, Ia.—J. G. Becker has succeeded to the entire drug business of J. G. Becker & Co.

West Mineral, Kans.—The Burk Bros. Drug Co. has succeeded to the business of W. J. Bangs.

Freeman, S. D.—J. W. Wipf & Co. have disposed of their drug business to C. Guenther & Son.

St. Joseph, Mo.—Shumaker & Stewart have been succeeded in the drug business by W. P. Stewart.

Fairfield, Ia.—Israel & Thoma have been succeeded in the drug business at this point by Israel, Kramme & Co.

Fairfield, Neb.—Theo. Knapp is reported to have bought an interest in the drug firm of Bradwell & Bernard.

Seattle, Wash.—The Pacific Drug Co., a wholesale concern of this city, has increased its capital stock to $125,000.

Sumner, Wash.—C. W. Hodge has admitted a partner in his drug business and the firm is now Hodge & Michael.

Spokane, Wash.—The fire loss of Krum & Braley, when their drug store was burned recently, amounted to $5,000.

Holbrook, Neb.—G. Butler has purchased the drug store which J. S. Rohbaugh has conducted here for so many years.

Central City, Neb.—R. Tooley has purchased the drug stock of Seitzer & McCracken, and will in future conduct the two stores.

Lincoln, Neb.—E. E. Mann has moved his stock of drugs from the old location to 117 North Eleventh Street, the room just vacated by the Wright Drug Co.

BORDEN'S MALTED MILK

Small - - $4 Per Doz.
Large - - 8 " "
Hospital - 33 " "
Trial Size, 90c. " "

Borden's Condensed Milk Co.

Established 1857 NEW YORK

THE BEAVER SOAP CO.
DAYTON, OHIO.
GRANDPA'S WONDER SOAP.

50 Cake Boxes,	$3 25
100 Cake Boxes,	6 50
50 Cakes, small size,	1 95
100 Cakes, small size,	3 85
144 Cakes Beaver's Pine Tar,	4 80

F. WEBER & CO.
Artist's Material and Draughtsmen's Supplies
SEND FOR CATALOGUE
VISIT OUR EXHIBIT AT WORLD'S FAIR IN VARIED INDUSTRIES PALACE, SECTION 46, No. 305
709 Locust Street, - - ST. LOUIS, MO.

TRADE Malvina MARK
Ichthyol Soap
6% Natr. Sulfo-ichthyolic.
Prepared By - Prof. J. Hubert
TOLEDO, OHIO.

The above card, 7 x 8¾, wrapped in each dozen.

GIVES UNIVERSAL SATISFACTION
To the Public and the Trade
The Greatest Exterminator on Earth

WILL KEEP a thousand years in any climate.
NO LOSS by breakage, leakage or evaporation.
NO GREASE to soil the drawers or goods.

One 15c box contains more vermin and bug destroying merit than $3.00 worth of any of the so-called, ready prepared for use, preparations or substitutes. Beware of catch-penny devices. Hold fast to that which is good—Rough-on-Rats, the old reliable, that always does the work, never disappoints or fools the buyer.

Unbeatable as a Cockroach Exterminator.
15c. and 25c. $1.20 and $2.00 doz.
ORDER OF JOBBER
E. S. WELLS, Chemist, Jersey City, N. J., U. S. A.

The Customer ALWAYS Comes Back for .... Another Bottle of .....

Peckham's Croup Remedy

THE CHILDREN'S COUGH CURE

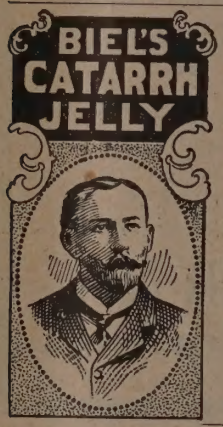
The only 25c Cough Cure Prepared Especially for Children!

$2 per doz. 3 doz. order less 5%. 6 doz. order less 10%.

THE SALE OF EVERY ORDER IS GUARANTEED

Druggists can recommend it with confidence as the reliable safeguard for children. **Coughs, Colds, Croup, Whooping Cough, Hoarseness,** quickly yield to **Peckham's Croup Remedy.** Every bottle used insures more sales. Order of your jobber. Advertising for counter distribution free on application to

PECKHAM'S CROUP REMEDY CO., - Freeport, Mich.



100 % PROFIT

IF YOU BUY $5 LOTS OF OUR GOODS

	PER DOZ
BIEL'S CATARRH JELLY, 25c size, costs you.....	$1 75
BIEL'S CATARRH JELLY, 50c size, costs you.....	3 50
BIEL'S NERVE TABLETS, 50c size, costs you.....	3 50

One-half dozen of the 25c size Jelly FREE with $5 orders.

Let us send you samples of the goods, FREE for the asking.

BIEL MANUFACTURING CO.

DENVER, COLO.

Sold by the Wholesale Drug Trade.

Brilliant Gold Paint

ready for use, in tin cans, including brushes. The most perfect Gold Paint, for all kinds of Gilding; all sizes, 1-6, 1-4, 1-2, 1 pt., etc.

Royal Gold Enamel

can be washed with soap and water. Produces the same elegant effect as Gold Leaf, can be washed when soiled with soap and water, and restored to its former brilliancy.

Price, regular size, $1.50 per dozen.

The 18 Karat Gold Paint.

The most brilliant ready mixed Gold Paint, a substitute for Gold Leaf, in polished wooden boxes.

Price, regular size, $1.50 per dozen.

Silver Frosted Finish Aluminum Enamel.

For all out and indoor work, will never tarnish. All sizes, 1-6, 1-4, 1-2, 1 pt., etc.

Manufactured by

L. HEMMERDINGER & CO.

New York.

OZONIZED OX MARROW

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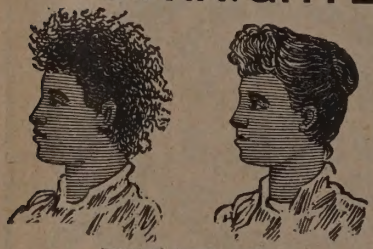
STRAIGHTENS KINKY HAIR



TAKEN FROM LIFE
BEFORE AND AFTER TREATMENT.

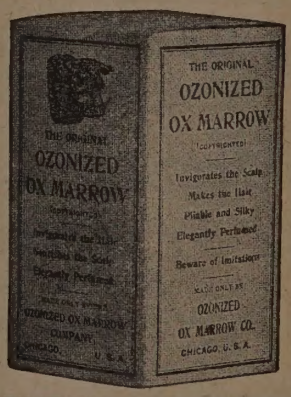
COLORED trade buy on sight. They can't pass it. One bottle sold creates steady demand. Price, per dozen, $4.50. Retails 50 cents per bottle.

——MADE ONLY BY——

Ozonized Ox Marrow Co.

76 Wabash Avenue, - - Chicago

SOLD BY WHOLESALE DRUGGISTS



13 DOZEN AT THE PRICE OF 12

Given on our "FROG GREENBACK" OFFER
See that your Jobber delivers

ONE DOZEN FREE WITH EACH GROSS

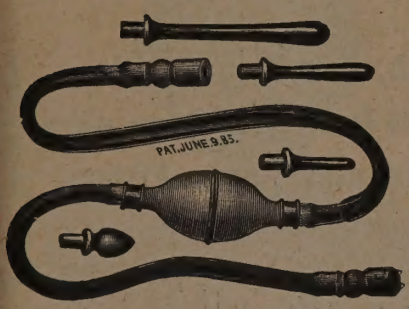
Thus each dozen COSTS you

66 CENTS

$100.00 in CASH PRIZES for WINDOW DISPLAYS
Unique Material Furnished FREE

FROG IN YOUR THROAT CO., West Broadway & Chambers St., New York

PHYSICIANS RECOMMEND THE "ALPHA" CONTINUOUS ...FLOW... SYRINGES



Because they give NO INJECTION OF AIR.

The ALPHA and the OMEGA Syringes positively prevent the painful and dangerous injection of air, so common with the old style of intermittent Syringes.

ONLY IMPROVED AND RELIABLE SYRINGE OF THE AGE.

Brief claims for the Alpha "E" Syringe:

Continuous flow, either gentle or strong. Positively no injection of air.
No fecal matter can be drawn back into the tubes. Pure Hard Rubber Pipes, the best non-conductor.
All Valves secured and cannot be lost. No Screw Threads on this syringe; therefore, it cannot leak.
Noiseless and non-corrosive Sinker. Easy to operate with thumb and finger.

THE ROESSLER & HASSLACHER CHEMICAL COMPANY — CHEMISTS — NEW YORK — TRADE MARK

"R & H." CHLOROFORM
"GOLD and SILVER" QUININE
"DR. SCHAEFER'S" COCAINE

THE ROESSLER & HASSLACHER CHEMICAL CO.,
100 WILLIAM ST. — NEW YORK.

The Druggist who wishes to largely increase his Soda Water Business should be sure to send in his order at once. The demand will increase rapidly. Cash rebate given to large purchasers.

DELICIOUS! REFRESHING!

Coca-Cola

AT SODA FOUNTAINS, 5c.

Send for particulars. Very attractive advertising matter for posting and distribution.

Orders filled promptly by wholesale houses, or by

THE COCA-COLA CO.,
Atlanta, Chicago, Dallas, Philadelphia, Los Angeles.

Chemical Lecture Notes
By H. M. WHELPLEY, Ph. G., M. D.

PRICE: $1.50 POSTPAID. YOU NEED A COPY.

ADDRESS: MEYER BROTHERS DRUGGIST,
222 South Broadway, ST. LOUIS, MO.

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We make no charge for advice as to the patentability and commercial value of inventor's ideas.

Patents, Trade Marks, Copyrights, Validity Searches, Infringement Suits.

724 G Street, - - Washington, D. C.

Do you know a good thing when you see it?

LOOK AT THIS.

Six dozen **A-CORN SALVE** and one box (**50**) **Neil Burgess 5-cent cigars** given away with every gross of

A-CORN SALVE

Invest $9.50 and make a clear profit of $25.40. Send for particulars of our latest offer on A-Corn Salve.

GIANT CHEMICAL CO.
PHILADELPHIA, PA.

GOOD PENS MAKE GOOD WRITERS
THAT IS WHY EVERY ONE SHOULD USE

ESTERBROOK'S

Leading Styles
- BUSINESS PENS, Nos. 14, 048, 130.
- FINE POINTS, Al, 128, 444.
- STUB PENS, 312, 313, 442.
- TURNED-UP POINTS, 256, 477, 531.

Makers of the CELEBRATED FALCON No. 048.

THE ESTERBROOK STEEL PEN CO.
Works· Camden, N. J. 26 John St., New York.

THE TEXAS EYE SHIELD

Has No Equal.

A PERFECT DEVICE FOR PROTECTION

AGAINST DUST, WIND, SNOW, INSECTS, SPARKS, CINDERS, SNOW BLIND, FIRE BLIND, WATER GLARE, ETC. FRAMES MADE OF CLEAR BLUE OR GREEN CELLULOID OR BRASS WIRE GAUZE; MICA LENSES 2 INCHES LONG, WEIGHT 1-4 OUNCE. IT'S A COMFORT TO WEAR ONE.

For sale by THE WHOLESALE DRUG TRADE.

THE TEXAS COMPANY,
260 Kinzie St., CHICAGO.

A. Robbins Varnish Co

——Manufacturers of——

Coach, Furniture and House Painters' Varnishes. Liquid and Paste Fillers.

OFFICE AND FACTORY:

1531 to 1539 N. 8th St., St. Louis, Mo

"La Flor de Portuondo."

"PERFECTOS,"
"CHICOS,"
"ALL ALIKES,"

The Juan F. Portuondo Cigar Manufacturing Co.

Philadelphia, Pa.

FAY & SCHUELER,

ST. LOUIS, MO.

MANUFACTURERS OF

Druggists' Glass Labels, Shelf Bottles AND Drawer Pulls

for the wholesale trade only.

FOR SALE BY THE WHOLESALE DRUG TRADE.

Anasarcin Tablets

..A SPECIFIC IN ANASARCA..

Resultant from either Heart, Kidney, or Liver Trouble, Bright's Disease, Cirrhosis of the Liver.

Used with decided advantage in Exophthalmic Goitre, Uric Acid Diathesis, Asthma, etc.

$2.00 per Box; sufficient for 16 days' treatment.

Liberal discounts to the trade. Send us some physicians' names and we will send samples to them and mention your name. . . . . .

THE ANASARCIN CHEMICAL CO.,
Winchester, Tenn.

PER DOZ.

BERRY'S FACE CREAM - $7.50

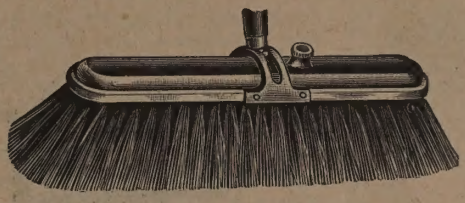
BERRY'S FRECKLE OINTMENT 4.00

Face Cream Retails at $1.00 per jar
Freckle Oint. " " 50c " "

GUARANTEED to remove all blemishes of the skin excepting birth marks. Dealers are authorized to REFUND money to any dissatisfied customer.

BERRY CHEMICAL COMPANY
GARDEN CITY BLOCK - - CHICAGO

Be Clean



THE WORLD'S ONLY DUSTLESS BRUSH

Will keep your floors fresh and clean, protect your stock from injury by dust, interest your customers and build up a new line of trade.

NOTICE

The Steel Reservoir Back and Adjustable Handle
USED IN ALL WORLD'S FAIR BUILDINGS

Send Today for Brush on Approval

MILWAUKEE DUSTLESS BRUSH CO.
121 Sycamore St., MILWAUKEE, WIS.

RAT BIS-KIT

Ready for Use.

No Mixing Required.

Kills Every Time.

A sure exterminator for both rats and mice.

Always remains brittle.

Never spoils Keeps in any climate.

Used the world over. Sold by all druggists. Endorsed by all wholesale houses. Order of your jobber. Price, $1.20 per doz.; $7.20 half-gross; $14.40 gross.

THE RAT BISCUIT CO., Springfield, Ohio

TIME
...TO...
STOCK UP

TONIC TIME IS HERE

WURTZBURGER Malt Extract

Is being praised by Dealers, Physicians and Consumers. **Order from your Wholesale Druggist.**

1 cask, containing 10 doz. pints, $10.50
5-cask lots, - - - 10.25
10-cask lots, - each, 10.00

WURTZBURGER MALT EXTRACT CO.
ATLANTA, GA.

Aloe's Acme Ointment Atomizer

For Relief in Diseases of

THE UPPER AIR PASSAGES

The treatment of inflammation of the Nose and Throat with Vaseline, Albolene, etc., as a Menstruum, is now universally established, and is conceded the best method in these complaints.

MANUFACTURED BY

BLEES-MOORE INSTRUMENT CO.

906 Pine Street, - - ST. LOUIS, MO.

SUCCESSORS TO

A. S. ALOE CO.'S SURGICAL DEPARTMENT.

WRITE FOR PRICES

CIRCLE A AND CIRCLE B

ARE

THE WORLD'S STANDARD

PRESCRIPTION CORKS

ASK YOUR JOBBER FOR THEM

ARMSTRONG CORK COMPANY

Beeswax.

W. H. B. Pure Refined.

In 2 lb. cakes, in cases of about 130 lbs.
In 1 lb. cakes, in cases of about 130 lbs.
In ½ lb. cakes, in cases of about 110 lbs.
In ¼ lb. cakes, in cases of about 110 lbs.
In oz. cakes, in 2 lb. parcels in cases of 54 lbs.

W. H. B. Pure White.

In round cakes in 2 lb. parcels, or in oblong cakes, loose — in cases of 54 lbs.
In oz. cakes in 2 lb. parcels — in cases of 54 lbs.
Plain blocks of 7½ lbs. in cases of 250 lbs. — and 56 lbs.

White Wax.

Plain round cakes in 2 lb. parcels in cases of 72 lbs.

THE W. H. B. WHITE WAX

is all Beeswax from the beginning.

Scrutinizing care being ever used in the selection of the raw material by experienced men who have made it a business for thirty years. It is bleached by exposure to the sun and the rain for several weeks without the use of chemicals in any form, name or nature.

BOWDLEAR'S FLOOR WAX.

Testimonials from the most prominent Teachers in the United States.

Pulverized. For Dancing Floors. Is not white. Will not ball on the feet. Will not soil clothes. All ready. Anybody can apply it.

The floor must be clean and free from oil. Sprinkle, and the dancers will do the rest. Put up in pound packages, in cases of 36 pounds.

One pound is sufficient for a floor space of 10,000 square feet, and if not wasted will be found to go four times as far as anything else on the market. No dust is another feature in its favor. Samples sent on request.

W. H. BOWDLEAR & CO., Boston, Mass.

For Sale by All Jobbers.

DECORATED COLD CREAM BOXES

These Boxes are handsomely decorated in cream enamel, printed in black and gold. Packed in paper boxes of one-half gross.

1 ounce - - $2.25 per gross
2 ounce - - 3.50 per gross

WRITE FOR CATALOGUE AND SAMPLES

THE BUCKEYE STAMPING COMPANY

MANUFACTURERS

183-197 East Third Avenue, Columbus, Ohio

BLANKE & BRO.

CANDY CO.

....MANUFACTURERS OF....

Van Dyke's Dutch Soluble Cocoa,

Caracas Vanilla Cocoa,

Primrose Cocoa,

CHOC. ESSENCE for SODA FOUNTAINS.

FRUIT EXTRACTS

...AND THE...

Finer Grades of Confections.

608, 610, 612, 614 and 616 MARKET ST.,

ST. LOUIS, MO.

A HOUSE OF IDEAS

Few things have pleased us more than the remark of an old and valued customer that our house is eminently "a house of ideas," citing such instances as our pioneer work in pharmaceutical manufacturing; our introduction of non-secret preparations, Kasagra, Stearns' Wine and other specialties; and our success as manufacturers of biologic products.

If you have any special formula work, why not send it to us and get the benefit of our 50 years' experience, our immense laboratories, and our ideas? We work along original lines, giving every account careful individual attention—and we don't charge any more for it than others charge for doing it in the old stereotyped, careless way.

A Request Will Bring Full Information.

FREDERICK STEARNS & CO.

Manufacturing Pharmacists,

DETROIT, MICH., U. S. A.

WINDSOR, ONT.
LONDON, ENG.
NEW YORK CITY.

STEARNS QUALITY
FOUNDED 1855

"OUR FAVORITE"

GOLD ENAMEL

(WASHABLE)

not a Gold Paint, but an Enamel which goes on any surface, brilliant and smooth as Gold Leaf. Don't wash off or rub off. Price, regular size, $1.50 per dozen.

JAPANESE GOLD PAINT

best and most brilliant ready-mixed gilding on the market. Favorably known throughout the country. Price, regular size, $1.50 per doz.

"STAR" ENAMEL

a liquid porcelain paint in white and colors. Decorates everything. Easily applied. ¼ pints, $1.20 per dozen.

THESE GOODS ARE HANDLED BY DRUGGISTS EVERYWHERE.

MANUFACTURED BY.....

GERSTENDORFER BROS.

Goodrich

Surgeons' Rubber Gloves

For Surgeons' Use.

Made of Pure Fine Para Rubber, which does not interfere with the sense of touch and allows a firm hold on ligatures and ligaments.

A protection to the patient and practitioner—an aid to good surgery.

THE NEW GOODRICH HOUSEKEEPERS' GLOVES

Made of heavier stock. Will wear well and save the hands from the more or less hard service incident to household duties.

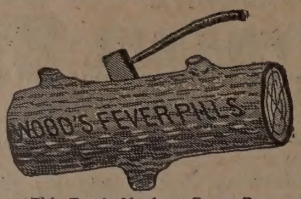
A BOON TO THE HOUSEKEEPER

In regular glove sizes. White, black and red stock.

The B. F. Goodrich Company

AKRON, OHIO.

NEW YORK, 66-68 Reade St. and 1625 Broadway.
CHICAGO, 141 Lake St. SAN FRANCISCO, 392 Mission St.
BOSTON, 157 Summer St. PHILADELPHIA, 922 Arch St.



This Trade Mark on Every Box

=== TRY ===

WOOD'S FEVER PILLS

FOR ALL BILIOUS AND MALARIAL DISEASES, AND YOU WILL NEVER DO WITHOUT THEM

$35.00 PER GROSS
3.50 PER DOZEN

SOLD AT 50c PER BOX

If your wholesaler does not keep them, write to us

MANUFACTURED BY

DR. WM. WOOD & SONS

CAIRO, ILLINOIS

Dr. Smith's

Vita Oil

Cures Pain FOR MAN AND BEAST

$4.00, $8.00 and $30.00 per doz.

RETAILS
50c and $1.00 per bottle;
$3.00 per quart can.

The Druggist Should always keep Vita Oil on his shelves, because:

Its the best liniment on the market.
Its the liniment that can be recommended.
Its a liniment, which once used is always used.
Its the liniment which gives a steady and positive profit.
Its users are everywhere.

VITA OIL COMPANY,
SAN FRANCISCO, CAL.

THOMSEN CHEM. CO.

BALTIMORE, MD.

MANUFACTURERS

Sodium Phosphate - Sodium Hyposulphite
Sodium Sulphite - Sodium Sulphate, etc.

IMPORTERS

Oxalic Acid Boracic Acid Carbolic Acid, etc.

DEALERS

Acetic Acid - Bleach - Caustic Soda, etc.

SPECIALTIES FOR

DRUGGISTS

Oriole Chlorides - Sodium Phosphate
Carbolate Lime - Carbolic Acid, etc.

PHOTOGRAPHERS

Pea Crys. Hyposulphite Pea Crys. Sulphite
Rice Crys. Hyposulphite, etc.

LABORATORIES

C. P. Ammonia - - C. P. Reagents
C. P. Acids, etc.

WRITE FOR PRICES

COLUMBIA CAN CO.

(INCORPORATED)

Madison St., from First to Second Sts.

ST. LOUIS, MO.

Largest Independent Manufacturers of

PLAIN AND DECORATED

Tin Cans

of every description in the United States

25 Years' Experience

LITHOGRAPHERS ON SHEET METAL GOODS

Highest Awards
WORLD'S FAIR, 1893.

ONCE TRIED, ALWAYS USED.

THE BAR-KEEPER'S "FRIEND" TRADE MARK

FOR SCOURING, CLEANSING AND POLISHING

BAR FIXTURES, DRAIN BOARDS AND ALL Tin, Zinc, Brass, Copper, Nickel and all Kitchen and Plated Utensils. Glass, Wood, Marble, Porcelain, Etc.

GEORGE WM. HOFFMAN, Sole Manufacturer and Proprietor, 296 EAST WASHINGTON ST., INDIANAPOLIS.

THE BAR-KEEPERS' FRIEND.

The most reliable goods in the world.

Why ?

Because every customer recommends it to his friends.

1-Pound Box Powder, 25c.

Established 15 Years.

FOR SALE BY ALL WHOLESALE DRUGGISTS.

Try U. S. Metal Polish, guaranteed standard goods, 3-oz. box retails 10c.

YOUR FAT CUSTOMERS

Will insist upon your having in stock

DR. EDISON'S OBESITY REMEDIES

Don't disappoint them.

We also sell the Loring FOODS, FAT-TEN-U and CORPULA

PRICES TO RETAIL DRUGGISTS:

	Per doz.	Retail.
Dr. Edison's Obesity Pills	$13.50	$1.50
Dr. Edison's Obesity Salts	9.60	1.00
Dr. Edison's Obesity Reducing Compound	18.00	2.00
Dr. Edison's Obesity Reducing Tablets	18.00	2.00
Dr. Edison's Obesity Bands, 25% off retail price		
Loring's Corpula—Food	9.60	1.00
Loring's One Dollar Fat-Ten-U Tablets—Food	9.60	1.00
Loring's Effervescent Salts	9.60	1.00

SPECIAL OFFER

We will present, free of charge, ¼ doz. of the famous Dr. Edison Obesity Pills. together with attractive counter circulars, to every retail druggist who will send us a confidential list of ten or more of his customers known to be suffering with superfluous flesh, providing he will agree to carry the goods in stock regularly. We will mail convincing literature to the names sent and refer them to the druggist for the treatment. The free goods and the literature will be sent direct from us. Renewal orders should be given to your regular jobber.

LORING & CO., LTD.

No. 10 West 22nd Street, New York City

CALL YOUR PHYSICIANS ATTENTION

TO THE SUPERB VALUE OF

ANTIPHLOGISTINE

FOR

PNEUMONIA, APPENDICITIS AND ALL OTHER INFLAMMATORY DISEASES

requiring local treatment. At least three people will be satisfied—the doctor, patient and druggist. Try it and see.

Antiphlogistine should always be applied liberally and as hot as can be borne.

BUY IN $24.00 LOTS AND MAKE 5% MORE

List price per dozen:

Small, $4.00 Large, $10.00
Medium, $6.00 Hospital, $20.00

The DENVER CHEMICAL MFG. Co

NEW YORK.

Dr. J. Parker Pray's

RENOWNED and UNEQUALLED

Established 1868. Sold everywhere by leading druggists and all toilet depots, both in America and Europe.

Beware of imitations bearing similar name and labels; insist on having the DR. PRAY goods.

TOILET PREPARATIONS

ROSALINE, for tinting the lips, cheeks and nails a rosy hue true to nature, not detected, 25c. and 50c.

DIAMOND NAIL ENAMEL, quickest, most brilliant nail polish free from grit, does not stain; fragrant perfume, 25c and 50c.

ONGOLINE bleaches and cleans the nails, removes ink, hosiery and glove stains from the skin, guaranteed harmless, 50c.

CREAM VAN-OLA whitens the hands, cures rough, chapped skin, sunburn; skin food; 25c. and 50c.

HYGENIA FACE POWDER contains no bismuths, magnesia, chalk or any injurious substance; highly medicinal, adhesive, spreads smoothly, 35c.

POCKET EMERY BOARD, box, 10 pieces, 25c.

IDROSINE, a powder for odorous sweating, 50c.

GLORA LILY, a non-greasy lotion, hands, etc., 50c.

OLIVINE, a salve for inflammations, ulcerations injuries of the skin, etc., 50c.

Write for catalogue and discounts of our complete line of Toilet Preparations. Sold by leading jobbers.

Dr. J. PARKER PRAY CO., Sole Props. and Manufacturers,
PARLORS and SALESROOMS, 12 East 23rd St., NEW YORK.

$12 for $4

Does this interest you? 200% profit! We are offering you at $4.00 two good remedies that will sell for $12.00—for the purpose of getting you acquainted with

Hale's Eczema Cure

which we honestly believe to be the best remedy for all skin diseases on the market—and we speak from experience as druggists.

To back up this assertion we agree to replace any box that comes back to you from a dissatisfied customer. Don't you **want** to handle a specific that will really cure **Eczema, Tetter, Salt Rheum, Psoriasis** and other skin troubles?

Our Liberal Proposition

One-half dozen **Hale's Eczema Cure** (retails for $6.00), and one dozen reliable Kidney and Bladder Pills (retails at $6.00)—all for $4.00. **Your Profit, $8.00. I Guarantee** to send enough advertising to sell the Eczema Cure. That's an offer worth taking advantage of. Better send in your order at once.

Hale Chemic Co. Kirksville, Mo.

Descriptive Circulars on Application.

The Empress Instantaneous Hair Restorer

Approved by United States Health Reports. Recommended by thousands.

THE BEST AND SAFEST TO USE!

THE MOST PROFITABLE TO SELL!

One application produces any desired shade—lightens dark hair, darkens light hair. Defies detection. Purely vegetable. Contains no acids, minerals or caustics. It does not destroy curling or crimping qualities, nor fade when exposed to sun, sea or Russian baths. No after-washing or shampooing necessary. As good for man's hair, beard or mustache as for woman's tresses.

Price $1.00 per bottle. All first-class drug stores, toilet counters and good hairdressers should keep it in stock. Liberal discounts to the trade.

MEYER BROTHERS DRUG CO.
ST. LOUIS, MO.
or **EMPRESS MANUFACTURING CO.**
725 Broadway, NEW YORK, N. Y.

Brandreth's Pills
Allcock's Porous Plasters
Allcock's Corn and Bunion Plasters
Salva-cea

The Four Reliables

Learn Stenography

Send 50 cents to THE OLIVER TYPEWRITER COMPANY, 315 North Ninth Street, Century Building, Saint Louis, Missouri, for SELF-INSTRUCTOR in Shorthand and Typewriting.

Paints, Enamels, THE ACME QUALITY LINE and Stains

FOR GENERAL USE

NEAL'S CARRIAGE PAINTS, "The Old Original"
For re-painting vehicles or any old thing—indoors or outdoors—requiring a durable varnish-gloss finish.

NEAL'S CARRIAGE TOP DRESSING
For leather and rubber tops, dash-boards and leather goods.

ACME WAGON AND IMPLEMENT PAINTS
For farm implements, wagons and trucks.

DAVIES' VARNISH STAINS
For imparting correct imitations of expensive woods to furniture and woodwork. Stain and varnish at a single application.

DAVIES' VARNO-FLOOR STAINS
For transforming finished or unfinished pine or hardwood floors, furniture and woodwork into perfect imitations of expensive woods.

NEAL'S ENAMELS
For producing a REAL ENAMEL finish upon furniture and woodwork. Artistic, sanitary and easy to keep clean.

NEAL'S INTERIOR ENAMELS
For interior woodwork, walls and ceilings. A REAL ENAMEL at a popular price. Durable, sanitary, artistic and easy to keep clean.

NEAL'S BATH-TUB ENAMELS
For zinc bath-tubs, footbaths, woodwork, walls and ceilings of bathrooms, laundries, and all surfaces exposed to hot or cold water, steam or moisture.

NEAL'S CYCLE ENAMELS
For imparting a REAL ENAMEL finish to bicycles.

NEAL'S SCREEN ENAMELS
For door and window fly-screens and frames. Will not clog the meshes.

NEAL'S ALUMINUM ENAMEL
For radiators, steam pipes, ornamental iron work and metal surfaces of all kinds. Unaffected by extreme heat, cold or moisture.

NEAL'S FLORENTINE ENAMELS
For stove pipes, heating drums, grates, fenders, coal hods, etc. Withstands extreme heat. Dense Brilliant Black and Russia Iron Color.

GRANITE FLOOR PAINTS
For interior floors, steps and surfaces to be walked upon. Quick-drying and durable.

ACME HOUSEHOLD PAINTS
For painting benches, shelves, chairs, flower pots and innumerable articles about every home that become marred or shabby.

COLONIAL FLOOR WAX
For producing a hard wax finish upon floors, woodwork and furniture.

MAZOLENE
For cleansing the surface and renewing the lustre of furniture, pianos, carriages, bicycles, or any varnished surface.

MADE BY THE
PAINTS, ENAMELS — Acme White Lead & Color Works — COLORS, VARNISHES
DETROIT, MICH.

"The Best by Every Test."

PLANTEN'S CELEBRATED C & C OR BLACK CAPSULES

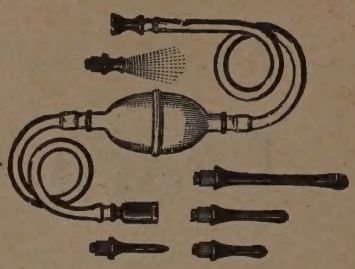
"THE KINDS THAT SELL"

Keep Your Stock well up and lose no Sales.
Popular Priced and Reliable. Worth-while Profits to the Retailer.

H. PLANTEN & SON, ESTABLISHED 1836 NEW YORK.

PLANTEN'S CAPSULES AND "PERLOIDS" TRADE MARK OF SANDAL OIL

The Household Syringe



Patented: Sept. 17, 1878, Mar. 4, 1879.

Trade Mark 'HOUSEHOLD' Registered.

Recommended by the Medical Fraternity for Cleanliness, Efficiency and Durability. No screw threads or washers. All the valves are secured and cannot be lost.

THE MAGIC ATOMIZERS.

Patented May 1, 1883, March 26, 1885.

CONTINUOUS SPRAY FOR TOILET, THROAT AND NASAL APPLICATIONS.

Made in every desirable style, and with metal or hard rubber tubes.
Fine Rubber Goods for the Druggists', Surgical and Stationery Trade.

Special Goods and Mould Work of Every Description to Order.

DAVOL RUBBER CO.,
PROVIDENCE, R. I.

JAPAN CAMPHOR

COMPRESSED IN BLOCKS
PACKED IN CASES, BOXES
AND CARTONS.

FLOWERS OF CAMPHOR
Packed in Barrels.
Tubs and one pound
Boxes.

W.F.SIMES & SON.
921 REAL ESTATE TRUST BLDG.
PHILADELPHIA, PA.

SIMES' SUBLIMED FLOWERS OF CAMPHOR

PARFUMERIE ED. PINAUD

18 PLACE VENDÔME, PARIS

ED. PINAUD'S LATEST EXQUISITE PERFUMES

			Doz.
3908.	Essence Foscarina (cut glass bottles)	1 oz.	$16.50
3902.	Essence Foscarina (cut glass bottles)	2 oz.	33.00
3909.	Essence Brise Embaumée Violette (cut glass bottles)	1 oz.	20.00
3910.	Essence Brise Embaumée Violette (cut glass bottles)	2 oz.	40.00
3410.	Essence French Carnation Pink	1½ oz.	13.75
3266.	Essence Violette Reine	1 oz.	12.25
3267.	Essence Violette Reine	1½ oz.	16.25
3000.	Essence Theodora	1 oz.	8.50
2999.	Essence Theodora	2 oz.	12.25

IMPORTANT NOTICE

A most beautiful electric diamond shaped sign advertising ED. PINAUD'S celebrated Eau de Quinine will be delivered free of charge by us, with your order for PINAUD'S preparations amounting to $100.00.

We carry at all times a full line of ED. PINAUD'S Perfumes, Soaps, Toilet Waters, Hair Tonics, Etc. Write for catalogue.

MEYER BROTHERS DRUG CO.
ST. LOUIS, MO.

AN "ALL-VELVET" PREMIUM.

We have mailed under letter postage to every retail druggist in the United States PARTICULARS OF OUR NEW PREMIUM OFFER, which we believe to be THE MOST LIBERAL EVER PRESENTED TO THE TRADE.

To every druggist buying at one time, either from his wholesale house or direct, one dozen of OUR REGULAR $2.00 size **CHICHESTER'S ENGLISH PENNYROYAL PILLS,** at $17.00 per dozen, we will, on receipt of certificate of such purchase from his wholesaler, send direct and free of all expense, one-half dozen boxes of our new "Trial Size" Chichester's English Pennyroyal Pills to sell at $1.00 per box. This is the equivalent of

SIX DOLLARS IN CASH,

in addition to your regular profit on our goods.

Have you sent in your order? If not, you should do so at once, for it means an easy and immediate profit. Our goods are for sale by all first-class wholesale houses, or may be ordered direct.

CHICHESTER CHEMICAL COMPANY,

Nos. 2315-17-19 Madison Square, : : : : : PHILADELPHIA, PA.

MEYER BROTHERS DRUGGIST'S PRICES CURRENT.

These prices are corrected for Meyer Brothers Druggist to day of publication for this issue (October 20) and can be accepted as approximate values only. In round lots prices can often be shaded by your jobber, while in smaller quantities advanced prices are ordinarily charged.

Prices are Subject to the Fluctuations of the Market.

ACETANILID.
1-lb ..... lb 32-40
1-oz cartons incl..... ..... oz 10
ACETONE, pure, 1 lb c. b. 9..... lb 85
ACID.
ACETIC, No. 8,..... lb 5½-08
U. S. P. sp. gr. 1,048, 1-lb c. b. 9... lb 10
C. P. sp. gr. 1,047, 1-lb c. b. 9... lb 12
Glacial Absolute, 1-lb g. s. b. 14. lb 80
Glacial Absolute, 1-oz. g. s. v. 7. oz 06
Glacial, Coml, 1-lb g. s. b. 14... lb 18
Glacial, Coml, 1-oz. g. s. v. 7... oz 05
ARSENIC, C. Pure, 1-oz. c. v. in. oz 15
Chem. Pure, 1-lb c. b. 9..... lb 80
ARSENOUS—
Fused, Pure, 1-oz. c. v. incl. oz 08
Fused, Pure, 1-lb c. b. 6..... lb 18
Fused, Pure, 1-lb boxes in.. lb 20
Powdered, Pure, 1-oz. c. v. in.. oz 08
Powdered, Pure, 1-lb..... lb 20
BENZOIC—
English, from Benzoin, 1-oz c. v. incl ..... oz 15
English, ... lb 1 80
German, 1-lb cartons incl.... lb 54
German, 1-oz cartons incl. .. oz 11
BORIC ACID—(Boracic), Pure—
Crystals, ... lb 20
Crystals, C. P..... lb 28
Powdered..... lb 21
Pd., C. P. 1-lb cart. or bxs. incl. lb 38
BUTYRIC, 60-65%, 1-lb g. s. b. 14 lb 90
60-65%, 1-oz. g. s. v. 7..... oz 12
CAMPHORIC, 1 oz. c. v. incl.... oz 85
CARBOLIC—(Phenol).
Crude, 20%..... gal 20-35
Crude, 30%..... gal 25-40
Crude, 40%..... gal 35-50
Crystals, glit label..... lb 24-30
Saturated, Sol'n, 1pt. c. b. incl. dz 2 25
Synthetic, 1-lb c. b. incl..... lb 70-80
Liquid Medicinal—
95% pure, 1-lb..... lb 40-50
No. 1, 1-lb c. b. incl..... lb 29
No. 2, 1-lb c. b. incl..... lb 27
CHROMIC, 1-lb g. s. b. 15..... lb 65
1-oz g. s. v. 7..... oz 07
Chem. Pure, 1-oz g. s. v. 7.... oz 25
CHRYSOPHANIC—See Chrysarobin.
CITRIC, cryst..... lb 35-45
FORMIC—
Conc. sp. gr. 1.20, 1-lb g. s. b. 14. lb 1 50
Conc. sp. gr. 1.20, 1-oz. g. s. v. 7 oz 15
sp. gr. 1.06, 1-lb g. s. b. 14..... lb 50
sp. gr. 1.06, 1-oz g. s. v. 7..... oz 10
GALLIC, German—
1-lb cartons incl..... lb 60
1-oz cartons incl..... oz 10
HYDRIODIC, 1-oz g. s. v. 7.... oz 20
HYDROBROMIC, Concentrated—
1-lb g. s. b. 14..... lb 60
1-oz g. s. v. 7..... oz 10
Diluted, U. S. P. 1-lb c. b. 9..... lb 25
Diluted, U. S. P. 1-oz c v. 4..... oz 04
HYDROCYANIC—
Diluted, U. S. P. 1-lb c. v. 9..... lb 80
Diluted, 1-oz c. v. 4..... oz 07
Scheele's, 1-oz g. s. v. & tin case 10..... oz 80
HYDROFLUORIC—
1-lb Gutta Percha bots incl.. lb 1 80
½-lb Gutta Percha bots incl.. lb 1 80
¼-lb Gutta Percha bots incl.. lb 2 25
1-oz Gutta Percha bots incl.. lb 40
1-lb Ceresene bottles..... lb 70
½-lb Ceresene bottles..... lb 1 00
¼-lb Ceresene bottles..... lb 1 40
1-oz Ceresene bottles ..... oz 25
HYPOPHOSPHORUS—
Solution, 50%, 1-lb g. s. b. 14.... lb 1 10
Solution, 1 oz g. s. v. 7..... oz 11
U. S. P. 10%, 1 lb g. s. b. 14..... lb 30

ACID—Con'd.
HYPOPHOSPHORUS—Con'd.
U. S. P. 10% 1-oz g. s. v. 7..... oz 04
IODIC Acid, c. p. incl..... oz 90
LACTIC, U. S. P. 1-lb c. b. 9..... lb 70
U. S. P. 1-oz c. v. 4..... oz 08
Diluted, 1-lb c. b. 9..... lb 25
Diluted, 1-oz c. v. 4..... oz 04
MOLBYDIC, Pure, c. b. 1-lb 9.... lb 2 85
Pure, 1-oz c. v. 4..... oz 25
MONOCHLORACETIC, 1 oz g. s. v. 7-oz..... 25
HYDROCHLORIC—(Muriatic)—
C. P..... lb 15
Coml 18° ..... lb 1¾-04
NITRIC, coml, 88°..... lb 5¾-10
Chem. Pure,..... lb 18
NITRO-HYDROCHLIC, g. s, b. 14 lb 80
Diluted, 1-lb g. s. b. 14..... lb 20
NITROUS, Fuming, 1-lb g. s. b. 14. lb 15
Fuming, 7-lb g. s. b. 22..... lb 15
OLEIC, Pure, 1 lb c. b. 9..... lb 40
OXALIC..... lb 7-14
Chem. Pure, 1-lb car. incl..... lb 34
PHOSPHORIC—
Glacial, 1-lb c. b. 9..... lb 55
Glacial, 1-oz c. v. 4..... oz 07
U. S. P. 1880 50%, 1-lb c. b. 9.. lb 25
Diluted, U. S. P. 10%,... ..... lb 10
Syrupy, U. S. P. 1890, 1-lb g. s. b. 14 lb 85
PICRIC..... lb 60
PYROGALLIC—See Pyrogallol.
PYROLIGNEOUS, 1-lb c. b. 9.... lb 10
Kegs and jugs..... gal 40
Barrels, 1.25..... gal 25
SALICYLIC..... lb 31-48
SULP, aromatic (Elix. Vitriol). lb 50
SULPHURIC, coml, 66°..... lb 1¾-05
C. P. 1-lb g. s. b. 14..... lb 15
Fum., Nor'ha'sen, 1-lb g. s. b. 14 lb 80
SULPHUROUS, 1-lb g. s. b. 15.... lb 10
TANNIC—See Tannin.
TARTARIC, cryst..... lb 32 40
Powd..... lb 32½-42
TRI-CHLOR-ACETIC—
1-oz g. s. v. 7..... oz 25
VALERIANIC—
1-lb g. s. b. 15..... lb 1 75
1-oz g. s. v. and tin 10..... oz 18
ACONITINE—Amorphous.
⅛-oz vials incl..... ⅛-oz 1 40
ADEPS LANAE, Anhydrous, Merck's..... lb 40
AGARIC, white..... lb 40
AGATHINE..... ozs 8 25
AGARACIN, 1 oz c. v. 4..... oz 90
15 gr vial incl..... each 15
AIROL..... oz 1 00
ALBUMEN, Egg ..... lb 1 05
Powd..... lb 1 15
ALCOHOL, Absolute..... pint 70
Absolute..... gal 5 00
Amyl—(Fusel Oil), purified .. lb 60
Grain, 95%, bbl..... ..gal
Grain, 95%, ½-bbl incl..gal } Market.
Grain, 95%, 10-gal.....gal
Grain, 95%, 5-gal.....gal
Terms, on above, 30 days or less 8c per gallon for prompt cash.
Grain, 95%, less quantity...gal 2 75
Deodorized alcohol 10c per gal advance of above prices.
Methyl (wood), 95%, bbl....gal 60-90
Refined, (Columbian Spirits) Bbls..... gal 1 25
Freight paid in bbls. and ½ bbls.
½-bbl..... gal 1 25
10-gal ..... gal 1 35
-gal ..... gal 1 40
Less ..... gal 1 50

ALCOHOL—Con'd.
Lion D'Or, bbl ..... gal 2 05
½-bbls ..... gal 2 05
10-gal..... gal 2 10
5 gal..... gal 2 15
1-gal..... gal 2 25
ALDEHYD, 1-lb c. p. 9 ..... lb 1 25
ALOIN, 1-lb c. b. 9..... lb 55
1-oz cartons incl..... oz 08
ALLSPICE....lb 15 Powd....lb 20
ALMOND MEAL..... lb 40
ALMOND, bitter, shelled..... lb 45
Sweet, shelled..... lb 45
ALUM.
Ground..... lb 6
Lump ..... lb 2 -4
Powd..... lb 3½-8
Ammonium, Pure.
Granulated, 1-lb cts incl.... lb 20
Potassium, Pure.
Ammonio-Ferric — Ferric Am. Sulph.
1-lb c. b. 9... ..... lb 25
1-oz c. v. 4... ..... oz 06
Chrome, 1-lb cartons incl.... lb 15
Chrome, Pow'd, 1-lb cts. incl. lb 25
Granulat., 1-lb cartons incl. lb 20
Dried, Pow'd, 1-lb cts. incl. lb 12
ALUMINUM.
Acetate, Pure Dry, 1-oz c. v. 4. oz 10
Acetate, Pure Dry, 1-lb c. b. 9. lb 85
Aceto-Tartrate, 1-oz. c. v. 4... oz 16
Chloride, 1-oz. c. v. 4..... oz 10
Hydrated, Pure, 1-lb c. b. 9... lb 70
Sulphate (filter alum), bbls., ... lb 1¾
Sulphate, Commercial..... lb 10
Sulphate, Com'l, Pow'd..... lb 15
Sulphate, Pure Gran'd, 1-lb c. b. 9..... lb 25
Sulphate, Pure Gran'd, 1-lb car. in..... lb 27
ALUMNOL..... oz 50
AMBERGRIS, gray..... ⅛ oz 5 50
AMIDOL, 1-oz cans..... ea 75
4-oz cans ..... ea 2 75
8-oz cans ..... ea 5 25
16-oz cans ..... ea 10 00
AMINOFORM..... oz 85
AMMONIA.
Spirit of, aromatic..... lb 50
Anhydrous, in cylinders..... lb 25
Cylinders 25 00, returnable.
Water, 16°, 8f..... lb 4 - 6½
Water, 20°, 4f..... lb 6 - 8
Water, 26°, Stronger..... lb 6½-10
Household, pts ..... doz 75
Household, ½ pts..... doz 45
AMMONOL..Powders, Tablets..oz 1 05
AMMONIUM.
Acetate, Solution, 1 lb bot 9.. lb 80
Acetate, Cryst., 1 lb bot 9.. lb 65
Acetate, Cryst., 1 oz v. 4 .oz 10
Arsenate, 1-oz c. v 4 ..... oz 18
Benzoate, 1-lb c. b. 10 ..... lb 1 05
Benzoate, 1-oz cartons incl..oz 18
Bichromate (Dichromate).
1-lb c. b. 9..... lb 75
1-oz c. v. 4..... oz 10
Bitartrate, 1-lb c. b. 9..... lb 75
Borate, 1-oz c. v. 4..... ....oz 20
Bromide..... lb 52
Bromide..... 1-oz c. v. 4..oz 06
Carbazotate, 1-oz c. v. 4.....oz 15
Carbonate..... lb 11-15
Carbonate powd..... lb 20
Carbonate.
Resublimed, Pure, 1 lb c. b. 10. lb 07
Chloride, lump..... lb 15-18
Chloride, powd, bulk..... lb 20

MMONIUM—Con'd.

Chloride, powd, pure, 1-lb car.	lb	20
Chloride, gran., No. 2	lb	7½-14
Chloride, gran., pure	lb	16-18
Citrate, 1-lb c.b.9	lb	1 00
Citrate, 1-oz c.v.4	oz	10
Hydrosulphuret, 1-lb g.s.b.15	lb	80
Hypophosphate, 1-lb c.b.10	lb	1 45
Hypophosphate, 1-oz c.v.4	oz	15
Iodide, 1-lb c.b.9	lb	4 50
Iodide, 1-oz c.v.4	oz	86
Molybdate, Pure, 1-oz c.v.4	oz	25
Muriate—see Chloride.		
Nitrate, cryst	lb	25
Nitrate, fused	lb	30
Nitrate, granulated	lb	25
Oxalate, Pure, 1-lb c.b.10	lb	45
Phosphate, Pure, 1-lb c.b.9	lb	75
Picrate—(see Carbazotate).		
Salicylate, 1-lb c.b.10	lb	1 00
Salicylate, 1-oz c.v.4	oz	9
Succinate, 1-oz c.v.4	oz	25
Sulphate, Commercial	lb	07
Sulphate, Chem. P. 1-lb c.b.9	lb	20
Sulphate, Chem. P. 1-lb cart. or bxs. incl	lb	27
Sulphide, Solution, 1-lb g.s.b.15	lb	80
Sulphocarbolate, 1-oz c.v. 4	oz	10
Sulp'oc'rbol'te, 1-oz cart. incl	oz	12
Sulpho-Cyanate, Pure, 1-lb c. b.10	lb	55
Sulpho-Cyanate, 1-oz c.v 4	oz	07
Tartrate, Neutral, 1-lb c.b.10	lb	1 20
Valerianate, Crystals, 1-lb c. b. 10	lb	1 50
Valerianate, 1-oz c.v. 4	oz	15

MYGDALIN, ⅛ oz vials ..... oz 2 40

MYL.

Acetate, 1 lb c.b.9	lb	70
Butyrate, 1 lb c.b.9	lb	2 25
Formate, 1 lb c.b.9	lb	8 00
Nitrate, 1 oz c.v.4	oz	80
Valerianate, 1 lb c.b.9	lb	2 50

NILIN.

Black (anilin salt)	lb	60
Black, Nigrosine, extra for ink	lb	2 00
Blue, blue	lb	2 00
Blue	lb	2 50
Blue, Methyl	lb	8 50
Brown, acid, fast	lb	1 20
Brown, Bismarck	lb	1 25
Cardinal	lb	1 50
Eosine, yellow	lb	8 00
Fuchsine, red	lb	2 25
Green, cryst	lb	1 50
Green, powd	lb	1 50
Orange	lb	1 25
Red, Albany	lb	60
Red, fast	lb	50
Scarlet, ordinary	lb	75
Violet, Blue Shade	lb	2 50
Violet, Red Shade	lb	2 50
Violet	lb	2 00
Yellow	lb	2 00

NADOL ..... lb 3 50 ..... oz 25
Tablet...1000 4 00 Tablet...100 50

NDUNEA...oz 1 00 Tablet....oz 1 00

NNATTO....lb 45 In rolls...lb 45

NNATTOINE ..... lb 70

NTHRAROBIN, 1 oz c.v.4 ..... oz 60

NTICLAVUS ..... oz 85

NTIFEBRIN, 1 oz tins incl ..... oz 15-18

NTIKAMNIA (powdered) ..... oz 1 00
10-oz lots ..... oz 92½
25-oz lots ..... oz 92

NTIKAMNIA and following combinations in tablet form: Antikamnia and Codeine, Antikamnia and Quinine, Antikamnia and Salol, Antikamnia, Quinine and Salol, Antikamnia Laxative, Antikamnia, Laxative and Quinine, all at same price as powdered.

ANTIMONY (HORSE MEDLEY, so-called).

Black, powd. pure	lb	15
Black, powd, coml	lb	6-8
Crocus mettallorum	lb	25

ANTIMONY, CHLORIDE.

Crystals, ½ lb g.s.b.9	lb	1 15
Crystals, 1 oz g.s.v.7	oz	12
Diaphoretic, 1 lb c.b.9	lb	1 00
Diaphoretic, 1 lb cartons incl.	lb	1 02
Liver, Pow'd, (see Crocus, Metallorum.)		
Metallic	lb	30
Oxide, White, 1 lb c.b.10	lb	40

ANTIMONY, CHLORIDE—Con'd.

Oxide, White, 1 lb crts incl	lb	47
Sol. (Butter Ant.) 1 lb g.s.b.14	lb	20
Sol. (Butter Ant.) 7 lb g.s.b.22	lb	20
Sulphide, (Golden Sulphuret.) 1 lb c.10	lb	35
Sulphide, 1 lb cartons incl	lb	37
Potassa Tartrate, (see Tartar Emetic.)		

ANTINONNIN.

½-lb cans	lb	1 00
1-lb cans	lb	85

ANTINOSINE ..... oz 2 10

ANTIPYRINE ..... oz 25-35

ANTIPURALGOS ..... oz 1 00

ANTIPYRALGINE 80

ANTIPYREXINE ..... oz 1 00

ANTIPILUS.

Small	doz	9 00
Large	doz	36 00

ANTITOXINE, H. M. ALEXANDER & CO.'S, H. K. MULFORD'S, PARKE, DAVIS & CO.'S, FRED'K STEARNS & CO.'S.

No. 1, 1000 units	2 00
No. 2, 2000 units	3 50
No. 3, 3000 units	5 00
No. 4, 4000 units	6 00

Less discount of 25%.

APIOL, 1 oz c.v.4 ..... oz 84

APOLYSIN, in oz vial ..... oz 65

APOMORPHINE.

Chloride (Muriate), cryst	dr	95
Mur., Amorphous, ⅛ oz vials	oz	2 80

APONA ..... oz 50

APYREXINE ..... oz 1 00

ARBUTIN, white cryst 1 oz c.v.4 oz 1 15

ARGONIN ..... oz 65

ARGOLS, Red ..... lb 06-12
Red, powd ..... lb 6¼-15

ARISTOL ..... oz 1 80

ARROWROOT, American ..... lb 15
Bermuda ..... lb 35
St. Vincent ..... lb 20
Taylor's ⅛s and foil ..... lb 35

ARSENIC—Sol'n, Fowler's (Solution of Potassium Arsenite), lb c. b. 9 ..... lb 10
Bromide, 1 oz g.s.v.7 ..... oz 20
Solution, 1%, 1 lb c. b. 9 ..... lb 40
Solution, 1%, 1 oz c.v.4 ..... oz 10
Solution, Clemen's, 1 lb c.b.9 ..... lb 40
Solution, Clemen's, 1 oz c.v.4 ..... oz 10
Chloride, Solution, 1 lb c.b.9 ..... lb 80
Chloride, Solution, 1 oz c.v.4 ..... oz 06
Iodide, 1 oz g.s.v.7 ..... oz 88
Metallic, Pure ..... lb 45
Red, powd ..... lb 15
Solution (Donovan's) ..... lb 25
Solution (Fowler's) ..... lb 15

ARSENIC—Con'd.

White, lump	lb	12
White, powd, coml	lb	12
Yellow (orpiment)	lb	25
White, powd, keg	lb	6-12

ASAPROL ..... oz 1 25

ASBESTOS, Fibrous, long ..... lb 35
Ground ..... lb 10
Powd ..... lb 15

ATRAMIN ..... oz 15

ATROPINE, Pure, ⅛ oz vials incl ..... oz 5 60
Sulphate, ⅛ vials incl ..... oz 4 70

BALSAM, (Oleo-Resin)—

Copaiba, Maranham	lb	40 50
Copaiba, Para	lb	50-60
Copaiba, solidified	lb	75
Fir, Canada	lb	67
Fir, Oregon	lb	28-37
Gurgun	lb	40

BALSAM.

Peru	lb	1 50-1 75
Sulphur	lb	45
Tolu	lb	33-45

BARIUM, ACETATE, 1 oz c.v.4 ..... oz 10

Carbonate, 1 lb c.b.9	lb	35
Carbonate, 1 lb boxes incl	lb	37
Chloride, Pure, 1 lb c.b.8	lb	17
Chloride, Pure, 1 lb boxes incl	lb	19
Chloride, Chem. P., 1 lb c.b.8	lb	30
Chloride, Chem. P., 1 lb bxs inc	lb	32
Chloride, Solution, 1 lb c.b.9	lb	35
Iodide, 1 oz g.s.v.7	oz	45
Nitrate, Powdered, 1 lb c.b.8	lb	12
Nitrate, Chem. P., 1 lb bxs incl	lb	37
Oxide, P. Hydrated, 1 lb c.b.8	lb	40
Oxide, P. Hydrated, 1 oz c.v.4	oz	06
Peroxide, Anhydrous, 1 lb c.b.8	lb	30
Sulphate, Coml, 1 lb bxs incl	lb	12
Pure, 1 lb c.b.8	lb	35
Pure, 1 lb boxes incl	lb	42
Sulphide, Pure, 1 lb c.b.9	lb	45
Pure, 1 oz c.v.8	oz	10

BARIUM, Sulphate ..... lb 12

Sulphate, pure	lb	35
Per Oxide	lb	30

BARK.

Barks when ordered in ozs 5 cents per lb advance over following prices.

Alder, blk, pressed, 1-lb	lb	22
Alder, red or tag, pressed, 1-lb	lb	20
Angostura	lb	75
Apple-Tree, pressed, 1-lb	lb	25
Ash, black, pressed, 1-lb	lb	20
Ash, mountain, pressed, 1-lb	lb	28
Ash, white, pressed, 1-lb	lb	24
Barberry, pressed, 1-lb	lb	30
Basswood, pressed, 1-lb	lb	24
Bayberry, pressed, 1-lb	lb	35
Bayberry, powd	lb	40
Berberis Aquifolium	lb	25
Birch, pressed, 1-lb	lb	24
Bittersweet Root, prsd, 1-lb	lb	30
Black Haw, powd	lb	35
Black Haw, pressed, 1-lb	lb	30
Black Willow, pressed, 1-lb	lb	20
Boxwood, pressed, 1-lb	lb	20
Buckthorn, pressed, 1-lb	lb	20
Butternut, pressed, 1-lb	lb	20
Calisaya, Red, coml	lb	20-30
Calisaya, Red, coml, powd	lb	25-35
Calisaya, Yellow, coml	lb	20-25
Calisaya, Yellow, coml, powd	lb	25-30
Calisaya, East India	lb	45-50
Calisaya, powdered	lb	50-60
Cinchona, Red, East India	lb	50-55
Cinchona, Red, powd	lb	50-55
Canella	lb	40
Canella, powd	lb	40
Cascara Sagrada	lb	35
Cascara Sagrada, powd	lb	30
Cascarilla	lb	30
Cascarilla, powd	lb	30
Cassia	lb	16-20
Cassia, powd	lb	25
Cassia, Saigon	lb	65-70
Cassia, Saigon, powd	lb	70-75
Cinnamon, Ceylon	lb	40
Cinnamon, Ceylon, powd	lb	45
Coto	lb	40
Coto, powd	lb	50
Cotton Root, powd	lb	45

BARK—Con'd.

Cotton Root, pressed, 1-lb	lb	50
Cramp, powd	lb	24
Cramp, pressed, 1-lb	lb	20
Cundurango	lb	40
Cundurango, powd	lb	45
Dogwood, pressed, 1-lb	lb	25
Dogwood, powd	lb	30
Elder, pressed, 1-lb	lb	28
Elm, select, slabs	lb	32
Elm, ground	lb	18
Elm, powd	lb	19
Elm, powd, ⅛s	lb	80
Elm, powd, ¼s	lb	35
Hemlock, pressed, 1-lb	lb	20
Hemlock, powd	lb	15
Jamaica Dogwood, prsd, 1-lb	lb	80
Magnolia, pressed, 1-lb	lb	85
Mezereon, pressed, 1-lb	lb	80
Oak, black, pressed, 1-lb	lb	15
Oak, red, pressed, 1-lb	lb	22
Oak, white, powd	lb	20
Oak, white, pressed, 1-lb	lb	22
Osier, green, pressed, 1-lb	lb	85
Pomegranate, fruit	lb	25
Pomegranate, root	lb	85
Poplar, white, powd	lb	20
Poplar, white, pressed, 1-lb	lb	15
Poplar, yellow, pressed, 1-lb	lb	22
Prickly Ash, powd	lb	31
Prickly Ash, pressed, 1-lb	lb	35
Quebracho	lb	55
Sassafras	lb	12-15
Sassafras, powd	lb	20-23
Simaruba	lb	55
Soap Tree	lb	15
Soap Tree, ground	lb	12-15
Soap Tree, powd	lb	20
Sumac, pressed, 1-lb	lb	25
Tamarac, pressed, 1-lb	lb	28
Tamarac, powd	lb	30
Wafer Ash, pressed, 1-lb	lb	80
Wafer Ash, powd	lb	85
Wahoo Root, pressed, 1-lb	lb	88
Wild Cherry	lb	12-15
Wild Cherry, ground	lb	12-15
Wild Cherry, powd	lb	20
Witch Hazel	lb	20
BARLEY, Pearl	lb	06-10
BATH BRICK, Eng., 2 dz case	cs	1 00
BAY RUM, Domestic, gal 1 90; Imported 2 35-2 55		
BEANS, Calabar	lb	50
St. Ignatius	lb	50
Tonka, Angostura	lb	1 05-1 20
Bourbon	lb	5 25-7 00
Beans, Fruit—		
Vanilla, true Mexican	lb	8 50-14 00
Vanilla, Tahiti,	lb	1 35-1 85
BEBEERINE, Pure, 1 oz c.v.4	oz	2 00
Sulphate, 1 oz c.v.4	oz	1 45
BENZOL, Pure, 1 lb c.b.9	lb	30
BERRIES, Buckthorn	lb	25
Cocculus Indicus	lb	10
Cubeb, stemless	lb	20
Cubeb, powd	lb	25
Elder	lb	30
Juniper, Italian	lb	06-10
Juniper, Italian, ground	lb	11
Laurel	lb	15
Laurel, ground	lb	18
Laurel, powd	lb	20
Poke	lb	25
Prickly Ash	lb	35
Sumac	lb	15
Whortle	lb	45
BENZOSOL	oz	1 25
BENZO NAPTHOL	oz	25
BETOL	oz	60
BISMUTH, Metallic	lb	2 55
Anhydrous (Br. Ph.) c.v.4	oz	35
Ammonio Citrate, 1 lb c.b.9	lb	2 90
1 oz c.v.4	oz	23
Acetate, 1 oz c.v.4	oz	40
Beta-Napthol, 1 oz.v	oz	80
Citrate, 1 lb c.b.9	lb	2 90
Citrate, 1 oz c.v.4	oz	23
Liquor, 1 lb c.b.9	lb	28
Nitrate, Crystals, 1 oz c.v.4	oz	20
Oxide, (Hydrated), 1 lb c.b.8	lb	3 65
1 oz c.v.4	oz	29
Oxychloride, 1 lb c. b.8	lb	2 85
Phosphate, 1 oz c.v.4	oz	35
Salicylate, 40%, 1 lb c.9	lb	2 50
1 oz c.v.4	oz	21
Basic, 64%, 1 lb c.b.9	lb	3 10
Basic, 64%, 1 oz c.v.4	oz	23
Subbenzoate, 1 oz c.v.4	oz	30
Subcarbonate, 1 lb c.b.10	lb	2 85
Subgallate, 1 lb	lb	2 70

BISMUTH—Con'd.

Subgallate, 1 oz Carton	oz	24
Subiodide, 1 lb c.b.9	lb	4 80
1 oz c.v.4	oz	37
Subnitrate 1 lb boxes incl	lb	2 62
Cones (Fr. Style) 1 lb c.v. 10	lb	3 05
Tannate, 1 oz c.v.4	oz	21
1 oz cartons incl	oz	23
Valerianate, ⅛ oz vials, 6 vi 24 oz		37
BLACK DROP	lb	12
BLACK LEAD, (Pl'mb'go Ceylon)	lb	07-10
German	lb	06-08
BLACK, IVORY	lb	8½-06
BLADDER WRACK	lb	80
BLUE, soluble, Tieman's	lb	88-60
BLUE MASS, English, 1 lb rolls	lb	1 25
English, 1 lb jars	lb	1 35
U.S.P. (Mass of Mercury).		
U.S.P., 1 lb jars 12	lb	51
U.S.P., 1 lb cans 5	lb	51
U.S.P., 1 lb rolls	lb	52
U.S.P., Powdered, 1 lb c. b. 9 lb		60
U.S.P., Powdered, 1 lb bots. 9 lb		56
BLUE VITRIOL	lb	5¾-10
Powd	lb	8½-12
BOLE, ARMENIAN	lb	15
BONE ASH	lb	5-10
BONE, Cuttlefish	lb	35-40
Cuttlefish, powd	lb	25
BORAX, Glass	lb	35
Powd	lb	8-12
Refined Crystal, sack & bbl	lb	7¾-12
Pure Granular	lb	27
BREAST TEA	lb	40
BROMINE.		
1 lb g.s.b. and tin case 18	lb	67
1 oz g.s.v. and tin case 10	oz	10
Trichloride, 1 oz g.s.v. and tin case 10	oz	65
BROMOFORM, 1 oz c. incl	oz	20
BRUCINE, Pure, ⅛ oz vials incl	oz	1 75
Sulphate, ⅛ oz vials incl	oz	1 75
BUDS, Balm of Gilead	lb	50
Cassia	lb	85
CADMIUM, METALLIC	lb	1 35
Bromide, 1 lb c.b.9	lb	1 35
Bromide, 1 oz c.v.4	oz	18
Chloride, 1 oz c.v.4	oz	20
Iodide, 1 lb c.b.9	lb	4 00
Iodide, 1 oz c.v.4	oz	32
Nitrate, 1 oz c.v.4	oz	18
Sulphate, 1 oz c.v.4	oz	18
CAFFEINE, 1 lb		3 50
⅛ oz vials incl	oz	51
1 oz vials incl	oz	31
Bromide, ⅛ oz vials incl	oz	51
Bromide, 1 oz vials incl	oz	31
Bromide, 1 lb bottle 10c	lb	3 50
Citrated, ⅛ oz vials incl	oz	41
Citrated, 1 oz vials incl	oz	23
Hydrochlorate, ⅛ oz vials in	oz	55
Sulphate, ⅛ oz vials incl	oz	55
Valerianate, ⅛ oz vials incl	oz	60
CALAMINE	lb	15
CALCIUM, BENZOATE, 1 oz c.v.4	oz	15
Bisulphite, Solution (see Lime.)		
Bromide, 1 lb c.b.9	lb	60
Bromide, 1 oz c.v.4	oz	07
Calcium, Carbide	lb	20
Carbonate, 1 lb c. b. 10	lb	10
Carbonate, 1 lb cartons incl	lb	12
Carbonate, in bbls	lb	06
Carbonate, in casks	lb	05½
Chloride—		
Fused, anhydrous, 1 lb c.b.9	lb	60
Fused, 1 lb c.b.9	lb	25
Granulated, 1 lb c.b.9	lb	25
Crystals, 1 lb c.b.9	lb	25
Hypophosphite, 1 lb c.b 9	lb	65
Hypophosphite, 1 oz c.v	oz	11
Hypophosphite, 1 lb crts. inc	lb	67
Hypophosphite, 1 oz crts. in	oz	10
Sodium Hypophosphite, 1 lb c. b.9	lb	65
Sodium Hypophosphite, 1 oz c. v.4	oz	08
Iodide, 1 oz g.s.v.7	oz	33
Lactate, 1 oz c.v.4	oz	13

CALCIUM—Con'd.

Lactophosphate, Soluble—		
1 lb c.b 10	lb	1 25
1 oz c.v.4	oz	18
cartons incl	oz	15
Nitrate, 1 oz c.v.4	oz	10
Phosphate, Precip. 1 lb c.b.12	lb	17
Phos., Precip. 1 lb cart. incl	lb	19
Phosphide, 1 oz g.s.v. & tin c	10 oz	40
Saccharated, 1 oz c.v.4	oz	15
Salicylate oz c.v.4	oz	18
Sulphate, Pure, 1 lb c.b.9	lb	40
Sulphide, 1 lb c.b.9	lb	28
Sulphide, 1 oz c.v.4	oz	04
Sulphite, 1 lb c.b.9	lb	14
Sulphite, 5 oz bottles incl	doz	1 35
Sulphite, 5 oz cartons incl	doz	90
Sulphite, 5 oz cartons incl gross		9 00
Sulphocarbolate, 1 oz c.v.4	oz	07
Tungstate Cryst, oz. vial 4	ea	8 00
CALODOL	oz	2 50
CALOMEL, Bulk	lb	1 00
1-lb bottles incl	lb	1 06
English, Howard's	lb	1 10 1 25
CAMPHOR	lb	1 05
Mono-Bromide, c. v. 4	oz	17
Packing, 27-lb drum	lb	15-18
Tar flake	lb	08-10
Tar balls	lb	08-10
CAMPHOROXOL, ¼-lb bottles	doz	6 00
CAMPHO-PHENIQUE, powd	oz	30
CANDY, Coltsfoot Rock, Amer.	lb	25
Coltsfoot Rock, English	lb	45
Horehound	lb	10
Rock, on strings	lb	10-12
Wormseed	lb	50
CARBOLIC ACID—Disinfec. Powd.		
In cartons with directions	gro	15 00
In cartons with directions	doz	1 40
Bulk No. 1, 50 lb boxes	lb	10
Bulk No. 2, 50 lb boxes	lb	08
CANTHARIDES, Chinese	lb	85
Chinese, powd	lb	95
Russian	lb	1 80
Russian, powd	lb	1 90
CANNABINE TANNATE, 15 gr v.	ea	25
CAPSICUM, African, pods	lb	25
African powd	lb	30-35
CARAMEL	lb	20
CARBON, Bisulphide	lb	8-16
CARMINE, No. 40	oz	35
No. 40	lb	4 25
CASSIA FISTULA	lb	20
CASTOR FIBER. oz 1 25; Powd.	oz	1 50
CELLOIDIN, Chips or Shreds	oz	90
Granulated	oz	85
CERATE, Calendula	lb	75
Cantharides	lb	65
Goulard's, U.S.P.	lb	50
Resin, U.S.P.	lb	50
Resin, compound	lb	50
Savin	lb	50
Simple	lb	50
Spermaceti	lb	50
Turner's	lb	50
Zinc, Carbonate, true	lb	50
CERIUM NITRATE, 1 oz g.s.v. 7	oz	25
Oxalate, 1 oz c. vials incl	oz	09
Oxalate, 1 lb cartons incl	lb	47
CHALK, Billiard	gross	50
Carpenters' blue	gross	75
Carpenters' red	gross	60
Carpenters' white	gross	50
Crayons, assorted	gross	75
Crayons, white	gross	10
French, cut	lb	15
French, powd	lb	10
Prepared in drops, bulk	lb	08
Prepared in drops, 8-lb bxs	bx	50
Prepared pink, 8-lb boxes	box	60
Red, in fingers	lb	10
Precipitated	lb	12
Eng., 7-lb bundles	lb	08-12
White lump	lb	02-04
CHARCOAL, Animal	lb	10
True Willow	lb	20
Wood	lb	15
Willow, powd, bots., Ellis	doz	1 85
CHINA CLAY	lb	5-10
CHINOIDINE, 1 oz rolls	oz	12
Powd, 1-oz vials	oz	20

CHINOLINE, Pure, 1 oz vials....oz 45
Tartrate, 1 oz vials.....oz 45

CHLORAL HYDRATE.
Crusts .....lb 1 25
Crusts, 1 oz.....lb 2 85
Cryst.....lb 1 80-1 60
Cryst. 1 oz c.v.incl.....oz 20
Schering's Crys .....lb 1 40-1 60
Croton, 1 oz vials incl.....oz 49

CHLORAL HYDROCYANATE, ⅛oz.oz 1 50

CHLORAL METTA.....oz 1 00

CHLORAL CAFFEINE.....oz 75

CHLORALOSE.....oz 2 75

CHLORALAMID 25 gr. Cartons..oz 80

CHLORANODYNE, Meyer, ozs..doz 3 00

CHLOROFORM, U. S. P., bottle 8..lb 60
Purified, bottle 8.....lb 70

CHLORINE WATER, 1 lb g.s.b.15.lb 80

CHLOROPHYLL...oz 85 .....lb 4 50

CHROMIUM, CHLORIDE.
Crystals, 1 oz c.v.4.....oz 90
Solution, 1 oz c.v.4.....oz 12

CHRYSAROBIN.
1-oz c. vials, incl.....oz 80

CINCHONINE.
Alkaloid, pure, 1 oz vials....oz 25
Bisulphate, 1 oz vials.....oz 19
Chloride(Muriate),1 oz vials.oz 14
Mixture, 3 oz boxes.....box 25
Salicylate, 1 oz vials.....oz 80
Sulphate, 1 oz vials.....oz 17

CINCHONIDINE.
Alkaloid, pure, 1 oz vials....oz 55
Bisulphate, 1 oz vials.....oz 34
Chloride (Muriate) .....oz 34
Salicylate, 1 oz vials.....oz 88

Sulphate.	M. B.	P. & W.
1 oz vials.....oz	33	35
5 oz cans.....oz	28	30
50 oz cans.....oz	24	25
100 oz cans.....oz	23	24

CINNABAR.....lb 1 55

CITRINE OINTMENT—Ointment of Mercuric Nitrate,1 lb jars 14..lb 52

CITROPHEN... .....oz 90

CIVETTE.....oz 3 50

CLOVES, Zanzibar.....lb 27
Zanzibar, powd.....lb 31

COBALT.....lb 20
Powd.....lb 25
Carbonate, 1 oz c.v.4.....80
Chloride, 1 oz g.s.v.7.....oz 20
Nitrate, 1 oz g.s.v.7.....oz 20
Oxide, Pure, 1 oz c.v.4.....oz 80

COCAINE, ALKALOID,1 oz v.incl oz 5 00
Hydr'lor. Cryst.1 oz v.incl..oz 4 05
Hydr'lor. Cryst.⅛ oz v.incl.oz 4 25
Hydr'lor.Sol.4%,1oz c.v.inc.oz 40
Hydr'lor. Sol.4%,⅛ oz c v inc.oz 55

COCAINE, TROPA.
1 gramme vials incl.....each 50
5 and 10 gr.vials.....gr 05

COCHINEAL, Honduras .....lb 60
Honduras, powd. .....lb 65

COCOA, Baker's, prepared.....lb 40
Butter of.....lb 58
Epps', ½ lb cans.....lb 45

CODEINE, Pure, ⅛ oz vials incl oz 4 30
Chloride (Mur.), ⅛ oz v. incl.oz 4 05
Nitrate, ⅛ oz vials incl.....oz 4 05
Phosphate, ⅛ oz v als incl...oz 3 80
Sulphate, ⅛ oz vials incl.....oz 4 05

COFFEE, Acorn.....lb 25

COLCHICINE.
U. P. cryst 15 gr vials.....each 2 10

COLOCYNTH, Apples,Trieste....lb 65
Apples, powd.....lb 65

COLLODION, U.S.P.1 lb c.b.10...lb 77
U.S.P.1 lb cans 7 .....lb 77
U.S.P.1 oz c.v.incl.....doz 1 15
Cantharidal, 1 lb c.b.10.....lb 2 00
Cantharidal, 1 oz c.v.incl..doz 2 00
Flexible, 1 lb c.b.10.....lb 77
Flexible, 1 oz c.v.incl .....doz 1 20

COMPOSITION POWDER 2 oz paps lb 80
Bulk..... .....lb 25

CONFECTION, Aromatic.....lb 1 25

Opium.....lb 85
Rose, U. S. P., jar 14c each..lb 35
Senna, U. S. P., jar 14c each..lb 85
Theriac.....lb 85

CONVALLARIN, 15 gr v incl ..each 75

COPPER, Acetate, Pure, 1 lb c.b.9 lb 65
Acetate, Pure, 1 oz c. v. 4 .. oz 10
Alumi. (Lapis Divinus), 1 lb c. b. 9.....lb 50
Ammoniated, 1 lb c.b.9.....lb 50
Arsenate, 1 oz c.v.4.....oz 15
Arsenite, 1 oz c.v.4.....oz 15
Bromide, 1 oz g.s.v.7 .....oz 25
Carbonate, 1 lb c.b.9.....lb 28
Chloride, 1 lb c.b.9.. .....lb 60
Cyanide, 1 oz c.v.4.....oz 18
Iodide, 1 oz c.v.4... .....oz 40
Nitrate, 1 lb c.b.9.....lb 45
Oxalate, 1 lb c. b. 10.... .....lb 1 50
Oxide, black, (Cupric Ox), c.b. 8.....lb 50
Oxide, black, 1 oz c.z.8.....oz 07
Sulphate, Purified, Gran'd, 1 lb crts.....lb 21
Sulphate, Purified, Cryst. 1 lb crts.....lb 21
Sulphate, Coml, Powdered..lb 13
Tartrate, 1 lb c.b.9. .....lb 1 25

COPPERAS.....lb ¾-04

CORNU CERVI, Calcined.....lb 20
Shavings ....lb 25

CORNUTIN, Citrate, 5 gr v.....gr 1 25

CORROSIVE SUBLIMATE—(Corrosive Mercuric Chloride)....lb 90
Powdered.....lb 1 04
C. P. Crystals, 1 lb c.b.8.....lb 1 25
C. P. Powdered, 1 lb c.b.8.....lb 1 80

COTOIN, ⅛ oz, True.....oz 14 00

COTTON, gun, Soluble.....lb 1 65
Soluble, oz cartons incl.....oz 15

COWHAGE DOWN, 1 oz cans....oz 50

CRAB'S EYES.....oz 15
Powd .....oz 20

CRAB ORCHARD SALT—Artificial, (see Salt).

CREAM TARTAR, powd.....lb 26½-32
Coml.,(so-called)—a mixture.lb 10½-20

CREASOTE.
White, from Coal Tar (see Carbolic Acid, Pure Liquid).
Morson's.....lb 1 75-2 25
Morson's 1 oz bottles.....oz 30
From Beechwood Tar, 1 lb c. b.9 .....lb 1 10
From Beechwood Tar, 1 oz c. v.4.....oz 11
Carbonate, 1 oz c. v. incl....oz 65
Carbonate, c.b.incl.....lb 9 00-9 25

CROCUS MARTIS.....lb 12

CROCUS METALLORUM, Powd..lb 27
(Liver Antimony.)

CUDBEAR.....lb 25

CUMARIN.....oz 50
Cumarin . ...lb 8 75

CURARE, 15 grain vials.....each 1 50

CURCUMA, powdered.....lb 8-16

CYSTOGEN, Powd.....oz 1 00
Powder..... ...per 8-oz. pkge. 4 00
Tablet, 5-gr.....oz 1 10
Tablet, 5-gr.....per 8-oz. pkge. 5 00
Tablet, 25 in box.....doz 4 00

DATURINE.
Alkaloid cryst, 5 gr vial..each 75
Hydrochlor, 5 gr vial.....each 75
Sulphate, 5 gr vial.....each 75

DERMATOL, see Bismuth subgallate.

DEER'S TONGUE.....lb 25-30
Ground.....lb 30-35

DEXTRIN, White .....lb 3½-10
Yellow .....lb 3½-10

DIASTASE, incl.. .....oz 1 15

DIGITALIN, Pure, ⅛ oz vials in.oz 7 75

DIATHESIN.....oz 2 40

DIOGEN.
1 lb can incl.....lb 3 95
½ lb can incl.....lb 4 20
¼ lb can incl.....lb 4 80
Oz..... 87

DIURETIN .....oz 1 75

DOVER'S POWDER, U. S. P.
1 lb.....lb1 10

DRAGON'S BLOOD, Mass.....lb 35-40
Powdered .....lb 50-45
Reeds .....lb 80-75
Engravers.....lb 1 50

DUBOISIN SULPHATE, in 5 gr.v.ea 70

EARTH, Fuller's, Powd.....lb 6- 8

EIKONOGEN,.....lb. 3 95-4 80
1 oz cans incl . .....oz 87

ELATERIUM, 1 oz c.v.incl.....oz 65
⅛ oz vials incl.....oz 85

ELATERIN, 15 gr vial.....ea 1 00

EMERY, Flour.....lb 08-10
Grain.....lb 08-10

EMETIN, ⅛ oz vials, each 3.....oz 7 50

EMULSINE, 1 lb cans lb1 00-1 20

ERGOT, Spanish.....lb 80-75
Spanish, powd.....lb 85-80

ERGOTIN.1 oz vials 4.....oz 38
1 lb jars 12.....lb 5 50

ESSENCE GINGER, Meyers, 2 oz dz 1 50
Meyers, 3 oz..... .....doz 2 00
Meyers, 4 oz.....doz 2 50

ESERINE—(Physostigmin).
Muriate, in 5 gr. tubes.....each 95
Salicylate, in 5 gr. tubes..each 95
Sulphate, in 5 gr. tubes...each 95

ETHER.
Acetic, 1 lb c.b.9.....lb 50
Acetic Absolute, 1 lb c.b.9....lb 80
Benz. (Benz'te Ethyl),1 lb cb9.lb 3 00
Buty. (Buty'te Ethyl),1 lb cb9.lb 1 05
Butyric Absolute, 1 lb c.b.9...lb 2 00
Chloric, U.S.P.1 lb c.b.9.....lb 59
Chloric, Concent., 1 lb c.b.9..lb 67
Formic—(Formiate Ethyl).
1 lb c.b.9.....lb 1 50
1 oz c.v.4.....oz 18
Hydr. (Iodide Ethyl) 1 oz c v 4.oz 50
Hydrobromic (Bromide Ethyl).
1 lb c.b.9.....lb 2 00
1 oz c.v.4.....oz 18
Nitrous, Conc. 1 to 19.....lb 1 00-1 20
Nitrous, Conc. 1 to 9.....lb 75-95
Rum, 1 lb c.b.9.....lb 1 50
Salicylic, oz c.v.4..... ...oz 75
Spirit, Nitrous, U. S. P.
1 lb c.b.9.....lb 43
Spts. Nitrous Ether, 4f.....lb 35
Spts. Nitrous Ether, 3f.....lb 30
Sulphu.U.S.P.1880.....lb 78-90
Sulphuric, Washed.....lb 80
Sulphu.Stronger,U.S.P.1890..lb 79-88
Valerianic, 1 oz c.v.4.....oz 35
Valerianic, 1 lb c.b.10 .....lb 4 00

ETHYL.
Brom. see Hydrobromic Ether.
Chloride, grammetubes M. B. .....each 40
Chloride, Bengue's, tubes each 85
Chloride, White's, tubes...each 40

EUCAINE HYDROCHLORATE.....oz 3 60

EUCALYPTOL, 1 oz c.v.incl.....oz 14
1 lb c. b. 10..... .....lb 1 40

EUGENOL .....oz 40

EUROPHEN.....oz 1 80

EUDOXINE.....oz 2 10
Tablet, 5 grain ....oz 2 50
Tablet, 8 grain .....oz 2 60
Tablet, ⅛ gr. in ¼ oz. pkg...pkg 75

EXALGINE.....oz 1 40

EXTRACT.

Licorice, Palermo	lb	21-28
Licorice, Corigliano	lb	88
Licorice, Figaro, 1 kilo bxs	ea	60
Licorice, Y. & S. 8s-16s	lb	28-31
Licorice Drops, Y. & S. in 5 lb cans	lb	25
Licorice, soft, perf clearly soluble	lb	60
Licorice, powdered	lb	85
Logwood	lb	12-18
Malt, Merck's, dry	lb	1 25
FAREOL	oz	50
FEBRINOL	oz	50
FERRIPYRINE	oz	1 35
FERRATIN	lb	85
Tablets	lb	85
FLAKE WHITE, English	lb	15-18
FLOUR, Gluten Diabetic	lb	6-10
FLOUR, RICE, 1 lb cartons	lb	15

FLOWERS.

Althea	lb	50
Arnica	lb	12-20
Arnica, powd	lb	20
Calendula, new	lb	45
Chamomile, Hungarian (so-called German)	lb	28
Chamomile, German, true	lb	35-40
Elder	lb	25
Elder, pressed, oz	lb	80
Kooso	lb	50
Kooso, powd	lb	55
Lavender	lb	15
Malva Arbor, black, large	lb	45
Malva Sylvestris, blue, sm	lb	50
Mullein	lb	1 00
Orange	lb	1 10
Poppy, red	lb	55
Rose, pale	lb	40
Rose, red	lb	1 25
Rose, red, powd	lb	1 40
Rosemary	lb	35
Saffron, American	lb	1 65
Saffron, Spanish, Valencia	oz	70
Tilia, with leaves	lb	45
Violet	lb	70
Yarrow	lb	25
FLUOR SPAR, powd	lb	15
FORMALIN, 1 lb c.b. incl (Formal)	lb	45
FORMALDEHYDE, 1 lb c.b. incl.	lb	32
FROSTING, white	lb	40

FUSEL OIL (Amylic Alcohol).

Purified, 1 lb c.b. 9	lb	60
Coml, 1 lb c.b. 9	lb	30
Coml	gal.	1 70
FUSTIC, Cuba chip	lb	03-05
GALLANOL, oz cartons incl	oz	1 25
GALLOBROMOL, oz cartons incl	oz	1 25
GAMBIER	lb	13
GARLIC	lb	25
GELATIN, Cox's	doz	1 75
M. B. Pure Food	doz	1 20
Nelson's	doz	1 75
Chalmer's, ½	doz	1 10
Cooper's, sheet	lb	60
Cooper's, shred	lb	60
Cooper's, shred, 2 oz papers	lb	85
French, pink	lb	75
Gold Label	lb	35-45
Silver Labe	lb	28-38

GLUE.

Ribbon No. 1	lb	15-18
Ribbon No. 2	lb	13-15
Carpenters' No. 1	lb	15-18
Carpenters' No. 2	lb	12-15
Carpenters' No. 3	lb	10½-14
Irish	lb	18-20
Carpenters' ground	lb	10-12
German Schultz—mark imp	lb	16-18
Kalsominers' white C	lb	10-14
White "B"	lb	12-16
Milliners'	lb	16-20

GLYCERIN.

Bower's	lb	60
Conc. 1 oz vials	doz	60
Conc. 2 oz vials	doz	75
Meyer Brothers Drug Co.	lb	15½-20
Price's 1 lb bottles	lb	55
Vienna	lb	18-24
Schering's, 56 lb cans incl. pkd		
2 cans in a case	lb	24
Schering's 10 lb bottle incl. pkd		
6 bottles in a case	lb	84
GLYCOZONE. Marchand's 1s	doz	28 00
Marchand's ½s	doz	17 25
Marchand's ¼s	doz	9 30
GLYCYRRHIZIN, Ammoniacal	oz	30
Ammoniacal	lb	3 00
GLYCEROLE, HYPOPHOSPHITES.		
1 lb c. b. 9	lb	65
4 oz bottles incl	doz.	2 50

GOLD.

Bromide, (Mono) 15 gr.c.s.v. incl	each	1 25
Chloride, ⅛ oz c.s.v. in	oz	12 00
Chloride, 80 gr.c.s.v in	doz	10 25
Chloride, 30 gr.g.s.v.in	doz	10 50
Chloride, 15 gr.c.s.v.in	doz	5 10
Chloride, 15 gr.g.s.c.v.in	doz	5 85
Sodium Chlor., ⅛ oz c.s.v.in	oz	6 10
Sodium Chlor., 30 gr.c.s.v.in.	dz	5 10
Sodium Chlor., 15 gr.c.s.v.in.	dz	2 70
Sodium Chlor., C.P. ⅛ oz c.v.in.	oz	12 00
True Dble Salt for med purposes.		
Cyanide, (Mono), 15 gr.v.c.v.	ea	2 00
Cyanide and Potas., 15 gr.v.	ea	1 25
Metallic, Precip., 1 oz v. 7	oz	80 00
Oxide, 15 gr.c.s.v.in	doz	15 00
Oxide, ⅛ oz c s.v.in	oz	28 00
GOOSE GREASE	lb	45
GRAINS, Paradise	lb	45
GRANVILLE'S LOTION, 1 lb g. s. b. 15		88
GUAIACOL, Pure, 1 oz c.v. 4	oz	19
Pure, 1 lb c. b. 9	lb	2 40
Carbonate, 1 oz packages	oz	1 50
GUARANA	lb	1 00
Powdered	lb	1 05

GUMS, Gum-Resins, Oleo-Resins, etc.

Aloes, Barbadoes	lb	15 09½
Aloes, Barbadoes, powd	lb	25-14
Aloes, Cape	lb	15-25
Aloes, Cape, powd	lb	20-30
Aloes, Socotrine	lb	40-30
Aloes, Socotrine, powd	lb	50-40
Amber, tears	lb	40
Ammoniac, tears	lb	85
Ammoniac, powd	lb	80
Arabic, Turkey, first pick	lb	55-60
Arabic, Turkey, second pick	lb	50-52
Arabic, Turkey, sifted sorts	lb	22-24
Arabic, first pick, gran'd	lb	60-65
Arabic, first pick, powd	lb	60-65
Assafœtida, Calcutta	lb	30-35
Assafœtida, powd	lb	45
Asphaltum	lb	10
Benzoin, marbled	lb	40-50
Benzoin, powd	lb	50-56
Camphor	lb	73-83
Catechu, black	lb	12-15
Catechu, powd	lb	35
Catechu, refined	lb	16-20
Chicle	lb	65 58
Copal	lb	40
Damar	lb	30
Elemi	lb	65
Euphorbium	lb	25
Euphorbium, powd	lb	85
Galbanum, strained	lb	75
Gamboge	lb	1 00
Gamboge, powd	lb	1 15
Gualac, strained	lb	50
Gualac, powd	lb	45
Hemlock	lb	70
Kino, true	lb	50
Kino, true, powd	lb	60
Mastic, tears	lb	65
Myrrh, Turkey	lb	45
Myrrh, Turkey, powd	lb	40
Olibanum, tears	lb	18-25
Opium	lb	3 00-3 20
Opium, powd	lb	4 85-3 75
Sandarach	lb	30
Scammony Aleppo	oz	60

GUM—Con'd.

Scammony, Aleppo, powd	oz	40
Scammony, Virgin, true	oz	65
Scammony, Virgin, powd	oz	75
Seedlac	lb	85
Senegal	lb	80
Shellac, bleached	lb	65
Shellac, native	lb	55-65
Shellac, native, powd	lb	65
Spruce	lb	1 50
Tamarac, true	lb	1 20
Thus	lb	12
Tragacanth, ribbon	lb	1 15
Tragacanth, flake	lb	75--90
Tragacanth, sorts	lb	50
Tragacanth, powd	lb	75-60
GURANIA, powdered, oz boxes	oz	1 00
Tablets, oz boxes	oz	1 00

HERBS.

Agrimony, pressed, oz	lb	30
Althea, pressed, oz	lb	80
Balm, lemon, pressed, oz	lb	40
Balm, sweet, pressed, oz	lb	35
Boneset, pressed, oz	lb	20
Bugle, bitter, pressed, oz	lb	30
Bugle, sweet, pressed, oz	lb	30
Cannab Ind. foreign, pressed	lb	1 75
Canada Fleabane, pressed, oz	lb	34
Catnip, pressed, oz	lb	25
Chiretta, pressed	lb	35
Cleavers, pressed, oz	lb	35
Coltsfoot, pressed, oz	lb	26
Damiana, pressed, oz	lb	35
Dittany, pressed, oz	lb	28
Evening Primrose, pressed, oz	lb	32
Feverfew, pressed, oz	lb	40
Frostwort, pressed, oz	lb	30
Gold Thread, pressed, oz	lb	75
Grindelia Robusta	lb	32
Grindelia Squarrosa	lb	45
Hardhack, pressed, oz	lb	30
Heartsease, pressed, oz	lb	40
Horehound, oz	lb	20-25
Horsemint, pressed, oz	lb	30
Hyssop, pressed, oz	lb	30
Ivy, ground, pressed, oz	lb	25
Jacob's Ladder, pressed, oz	lb	30
Johnswort, pressed, oz	lb	25
Labrador Tea, pressed, oz	lb	30
Life Everlasting, pressed, oz	lb	25
Life Root, pressed, oz	lb	30
Lobelia, pressed, oz	lb	28
Lobelia, powd	lb	35
Maiden Hair, pressed, oz	lb	25
Motherwort, pressed, oz	lb	30
Mountain Mint, pressed, oz	lb	45
Mugwort, pressed, oz	lb	34
Pansy, pressed, oz	lb	42
Pennyroyal, pressed, oz	lb	25
Peppermint, pressed, oz	lb	25
Ragweed, pressed, oz	lb	30
Rue, pressed, oz	lb	34
Scullcap, pressed, oz	lb	30
Sheep Laurel, pressed, oz	lb	35
Sheep Sorrel, pressed, oz	lb	35
Smartweed, pressed, oz	lb	25
Southern Wood, pressed, oz	lb	45
Spearmint, pressed, oz	lb	30
Speedwell, pressed, oz	lb	30
Sweet Basil, pressed, oz	lb	30
Tansy, pressed, oz	lb	25
Vervain, pressed, oz	lb	25
Water Pepper, pressed, oz	lb	25
Wormwood	lb	30
Wormwood, powd	lb	35
Yerba Santa	lb	30
Yarrow, pressed, oz	lb	35
HIERA PICRA	lb	50
HOFFMANN'S ANODYNE, Coml	lb	58
Hoffmann's Anodyne, true U.S.P.	lb	90
HOM-ATROPINE, Alkaloid, 5 gr v	gr	45
Hydrobrom, 5 gr v	gr	35
Hydrochlorate	gr	42
HONEY, strained	lb	13-17
HOPS, New bulk	lb	45
New, ozs	lb	50
New, ¼s, ½s	lb	47
Old, ¼s, ½s	lb	23
Loose pressed, ¼	lb	47
Pressed in ¼s, old	lb	23
Pressed in ¼s, new	lb	47
HYDROCHINON	lb	1 52-1 58
1 oz. cartons incl	oz	15

HYDROGEN.
Peroxide, sol. Marchand's, 1s ..... doz 7 80
Peroxide, sol. Marchand's, ½s ..... doz 5 25
Peroxide, sol, Marchand's, ¼s ..... doz 8 80
Peroxide, sol, Marchand's, sm. ..... doz 2 10
Oakland Chemical Co.
Peroxide, ¼ lb bottles..... doz 2 00
Peroxide, ½ lb bottles..... doz 3 75
Peroxide, 1 lb bottles..... doz 6 00
Peroxide, 5 lb bottles..... doz 18 00

HYDROGEN, PEROXIDE, (Solution of Hydrogen Dioxide)..... lb 30-50

HYOSCIN.
Hydrochlor, 5 gr v..... vial 2 00
Hydrobrom, 5 gr v..... vial 2 00
Sulphate, 5 gr v..... vial 2 00

HYOSCYAMIN.
Cryst c. b, 5 gr. v..... vial 2 00

HYDROZONE.
Marchand's, large..... doz 10 40
Marchand's, medium..... doz 7 00
Marchand's, small..... doz 4 60
Marchand's, extra sm..... doz 2 10

HYDRAGOGIN, 15 gram bottle...ea 90

HYPNAL ..... oz 1 45

IATROL ..... oz 95

IODOPYRINE ..... oz 1 40

ICHTHYOL.
Ammonium ..... lb 4 50-4 90
Ammonium, 1 oz c.v.incl...oz 35
Sodium, 1 oz c v.incl..... oz 57

INDIGO, ½ oz boxes, Lyons' .... lb 90
1 oz boxes, Lyons'..... lb 90
Madras, extra..... lb 65
Manilla, extra..... lb 60
Paste..... lb 25

INSECT POWDER.
M.B.D.Co.'s Diamond, kegs. lb 20-30
Florentine, small..... doz 75
Florentine, medium..... doz 1 75
Florentine, large..... doz 3 50
S. and F..... lb 35-40
Syrian ..... doz 75
Trieste, kegs..... lb 15-25

IODINE, Crude, 1 lb g.s.b.13....lb 3 65
Resublimed, 1 lb g.s.b.13.....lb 3 65
Resublimed, 1 oz g.s.v 7....oz 31
Bromide, 1 oz g.s.v. & tin case 10..... oz 40
Bromide Solution, 15 per cent. 1 oz g.s.v. and tin case 10..oz 18
Trichloride, 1 oz g. s. v. & tin case 10..... oz 45
Tincture, 1 lb c.b.9..... lb 1 00

IODOFORM.
Powdered, 1 lb c.b.9..... lb 4 20
Powdered, 1 oz c.v.4..... oz 34
Crystals, 1 lb c.b.9..... lb 4 20
Crystals, 1 oz c.v.4..... oz 34
Deodorized, 1 oz c.v.4..... oz 55

IODOL, 1 oz g.s v.incl..... oz 1 25

IQUININ..... oz 1 25

IRON.
Acetate, Dry, 1 oz c.v.4..... oz 22
Acetate, Liquor, 1 lb c.b.9.... lb 35
Acetate, Tincture, 1 lb c.b.9..lb 50
Alcoholized, (Limatura) 1 lb c. b.6..... lb 32
Ammonia Protosulphate, (Ferrous Ammonium Sulphate), 1 lb c.b.8..... lb 14
Ammonium, Tartrate,..... lb 62-65
Ammonium, Tart., 1 oz c.v.4..oz 07
Ammoniated (Flores Martiales) 1 lb c.b.9..... lb 35
Arsenate, 1 oz c.v.4..... oz 14
Arsenite, 1 oz c.v.4..... oz 14
Benzoate, 1 oz c.v.4..... oz 22
Bromide, 1 lb g.s.b.13..... lb 1 00
Bromide, 1 oz g.s.v.7..... oz 9
by-Hydrogen, Gray, 1 lb c.b.8 lb 65
by-Hydrogen, Gray, 1 oz c.v.4 oz 08
by-Hydrogen, Black, 1 lb c.b.8 lb 45
Carbonate, Precip..... lb 18
Carbonate, Prot (Vallet'sMass), (Mass of Ferrous Carbo), ¼ lb jars, 5..... lb 30-40
Carbonate, (Sacch.) 1 lb..... lb 40
(Ferric Chloride).
Chloride, Crystals 1 lb g.s.b.15 lb 25
Chloride, Crystals, 1 oz g.s.v. 7 oz 04

IRON—Con'd.
Chlo. Sol'n, Pravaz 30 Beaume. 1 lb g. s. b. 14..... lb 25
Chloride, Sol'n, U.S.P..... pt 14
Chloride, Tincture ..... lb 36
Chloride, Proto, (Ferrous Chlo) c. v. 4..... oz 12
Citrate, U.S.P. (Fer Cit.) c.b.10 lb 54
Citrate, U.S.P., 1 oz v.4. ..... oz 07
Citrate, Soluble..... lb 51
Citrate, Soluble, 1 oz vials 4...oz 07
Citrate & Ammon., 1 lb c.b.10. lb 51
Citrate & Ammon., 1 oz v.4..oz 07
Citrate & Magnesium, 1 oz v.4 oz 09
Citrate & Manganese, 1 oz v.4.oz 15
Citrate & Quinine, Sol..... lb 1 90
Citrate & Quin., Sol. 1 oz v.4. oz 18
Citrate & Quinine, with Strych., 1 lb c. b. 10..... lb 2 40
Citrate & Quinine, with Strych., 1 oz vials 4 ..... oz 21
Citrate, & Strychnine,..... lb 1 00
Citrate, & Strychnine, 1 oz v.4 oz 9
Ferrocyanide ..... lb 44-48
Ferrocyanide, 1 oz c.v.4..... oz 05
Filings ..... lb 10

Glycero-Phosphate of Iron, 1 oz c.v.incl..... oz 35
Lime, 1 oz c.v.incl..... oz 30
Lithium, 1 oz c.v.incl ..... oz 75
Potassium, 1 oz c. v. incl Sodium, 1 oz c. v. incl..... oz 35
Hydrated Oxide, (Ferric Hyd), Mass, 1 lb c. b. 9..... lb 35
Hydrated Oxide, (Ferric Hyd), Dry, 1 lb c. b. 9..... lb 65
Hypophosphite (Ferric Hypop). 1 lb c. b. 9..... lb 1 20
1 oz c. v. 4..... oz 12
Iodide (Fer. Iodide) 1 oz g. s. vials..... oz 40
Syrup (see Syrups).
Saccharated, 1 oz c. v.4..... oz 32
Lactate, (Ferrous Lactate). 1 lb c. b. 10..... lb 50
1 oz c. v. 4..... oz 05
Lactophosphate ..... oz 20
Nitrate (For Dy'ng), 1 lb c.b.9 lb 11
Nitrate, carboys, $1.50..... lb 09
Nitrate, Sol'n, U.S.P. (Pernitrate). (Sol. of Ferric Nit.) 1 lb c. b. 9..... lb 25
Oxalate (Ferric) 1 oz c.v.4...,oz 17
Am. Oxalate (Ferric), c.v.4..oz 10
Potas. Oxalate (Ferric), c.v.4.oz 10
Sodi. Oxalate, (Ferric), c.v.4..oz 10
Oxide, Sac'harated, 1 lb c.b.10 lb 45
(Ferri Oz'd. Sac'r. Sol. Ph. Grm.)
Blk. (Ethiop's Minrl), 1 lb c.b.9 lb 40
Perni. (see Nitrate Iron, Sol'n.)
Phosp. (Precip Ferrous Phosp.)
Phosphate..... lb 89
Phosphate, Scales, U.S.P. (Soluble Ferric Phosphate)..... lb 60
Phosphate, Scales, 1 oz c.v.4.oz 07
Pyrophosphate, U.S.P. (Soluble Ferric Pyrophosp)..... lb 51
Pyrophosphate, 1 oz c.v.4...oz 07
Potass., Tart., Scales,...,... lb 58
Potass., Tart., scales, 1 oz cans 4..... oz 07
Reduced (see Iron by Hydrogen).
Salicylate, 1 oz c.v.4..... oz 11
Subsulphate (Monsel's Powder, Ferric Subsulphate), 1 lb c.b. 9..... lb 27
Subsulphate carton..... oz 06
Subsulphate, Sol'n, (Monsel's Sol'n of Ferric Subsulph.) 1 lb c.b.8..... lb 15
Succinate, Hydrated, 1 oz c. v. 4..... oz 25
Sulphate, (Ferrous Sulphate). Cryst. Pure, 1 lb c.b.8 ..... lb 06
Sulphate, Gran'd, Pure, 1 lb c. b.8..... lb 09
Sulphate, (Ferrous Sulphate), Grand Chem. Pure, c.b.9...lb 40
(By Alcohol.)
Sulphate, Dried, Pure, 1 lb cts. incl..... lb 17
Sulphocarbolate, 1 oz c.v.4..oz 9
Sulphide, (Ferrous), 1 lb c.b.8. lb 16
Tannate, 1 oz c. v. 4..... oz 18
Tersulphate, Sol., U.S P. (Sol-ut'n of Ferric Sul., 1 lb c.b.8. lb 20
Turnings, (Wrought Iron).. lb 10
Valerianate, (Ferric), 1 oz c.v. 4..... oz 15

IROPHYN, 5 gr. Tablets..... oz 1 00

ISINGLASS, American, ord...lb 35-1 10
Russian, true Beluga..... lb 4 65-4 40

ISAROL, 1-lb. pkg ..... lb 4 25
½-lb. pkg..... lb 4 35
¼-lb. pkg..... lb 4 50
1-oz. pkg..... lb 30

JUICE, Conium..... lb 90
Dandelion..... lb 1 84
Elder..... lb 40
Juniper..... lb 84
Licorice ..... lb 60

KAMALA..... lb 50
Powdered ..... lb 45

KAOLIN..... lb 6-8

KAUVOSINE..... oz 85

KAVA KAVA ..... lb 60

KERMES MINERAL, (Sulphurated Antimony) .....bot., 10; lb 90

KOUSSEIN, ½ oz vial..... oz 6 00

KRYOFINE POWDER, tablets...oz 1 00

LABORDINE..... oz 1 00
Tablets..... oz 1 00

LAC DYE, powdered..... lb 20

LACTUCARIUM, 1 lb c.b.10..... lb 9 00
..... oz 60

LANOLIN..... lb 65-75

LARD, Benzoated..... lb 25-31

LACTOPHENEN ..... oz 1 00
Tablets..... oz 1 00

LAXIQUININ ..... per bot 1 00

LEAD.
Acetate, white..... lb 10-17
Acetate, white, powd ..... lb 15-20
Acetate, purifi, granular, 1 lb cartons..... lb 28
Benzoate, 1 oz c.v.4..... oz 25
Bromide, 1 oz c.v.4..... oz 20
Carbonate, c. p., c.b.9..... lb 60
Chloride, 1 oz c. v. 3..... oz 08
Chromate, 1 lb c. b. 9..... lb 1 10
Iodide, 1 lb c.b.8 ..... lb 3 00-3 25
Iodide, 1 oz c. v. 3..... oz 25
Nitrate, 1 lb boxes incl..... lb 16
Nit., Chem. P., 1 lb bxs. incl.. lb 40
Oxide, C. P., 1 lb c. b. 9..... lb 75
Subacet. Sol'n, (Goulard's Ext.) ..... lb 12
Sulphate, Pure, 1 lb c.b.8..... lb 60
Tannate, 1 oz c. v..4..... oz 20
Test, (Pure Granulated) ..... lb 50

LEAVES.
Aconite, English, 1 lb bottles. lb 1 25
Aconite, German..... lb 80
Aconite, German, powd..... lb 85
Angelica, pressed, oz..... lb 25
Arbor Vitæ, pressed oz..... lb 30
Balmony, pressed, oz..... lb 28
Bay, bulk..... lb 15
Belladonna, English, 1 lb bot. lb 1 85
Belladonna, German..... lb 85
Belladonna, powd..... lb 40
Benne, pressed, oz..... lb 65
Blessed Thistle, pressed, oz.. lb 85
Borage, pressed, oz..... lb 40
Buchu, long..... lb 90
Buchu, short ..... lb 42
Buchu, short, powdered..... lb 50
Buckbean, pressed, oz..... lb 32
Castor..... lb 35
Coca..... lb 50-60
Conium, English, 1 lb bottles lb 1 25
Conium, German..... lb 80
Conium, powd..... lb 85
Coltsfoot, ozs.,..... lb 26
Damiana, oz..... lb 25
Digitalis, English, 1 lb bottles lb 1 25
Digitalis, German..... lb 36
Digitalis, powd..... lb 40
Eucalyptus, pressed, oz..... lb 25
Feverbush, pressed, oz..... lb 30
Grindelia Robusta..... lb 30
Grindelia Squaorsa..... lb 40
Hardhack, pressed, oz ..... lb 30
Hemlock, pressed, oz ..... lb 30
Henbane, English, 1 lb bottles lb 2 00
Henbane, German..... lb 85
Henbane, powd..... lb 40
Jaborandi ..... lb 35
Jaborandi, powd ..... lb 40
Liverwort, pressed, oz... ..lb 30
Lovage, pressed, oz ..... lb 45

LEAVES—Con'd.

Lungwort, pressed, oz	lb	84
Marjoram, sweet	lb	86
Matico	lb	30
Matico, powd	lb	35
Mistletoe, pressed, oz	lb	80
Parsley, presssed, oz	lb	40
Plantain, pressed, oz	lb	80
Poppy, pressed, oz	lb	84
Raspberry, pressed, oz	lb	25
Rosemary	lb	15-25
Sage, American, leaf	lb	20-25
Sage, Italian	lb	15-20
Sage, Italian, ground	lb	20-25
Sage, Ital., loose pressed, ¼s	lb	20-25
Sage, Ital., pressed, ¼s, ½s	lb	10-16
Sage, Italian, pressed, ozs	lb	25
Savin	lb	23
Savin, powd	lb	25
Senna, Alexandria	lb	80
Senna, Alexandria, powd	lb	80
Senna, East India	lb	20
Senna, Tinnevelly, select	lb	20
Stramonium	lb	25
Stramonium, powd	lb	80
Strawberry, pressed, oz	lb	80
Sumac, pressed, oz	lb	80
Thyme, pressed, oz	lb	26
Uva Ursi	lb	15
Uva Ursi, powd,	lb	25
Witch Hazel, pressed, oz	lb	25

LEMON PEEL lb 15-18
Ground lb 17-20

LIME.

Bisulphite, Solution	gal	80
Carbolate	doz	1 10
Carbolate No. 1	lb	09
Carbolate No. 2	lb	06
Carbolated, in cartons with direct	gro	18 00
Carbolated, in cart. with direct	doz	1 25
Chloride, Dry, 1 lb bots. in	lb	21
Chloride, Dry, bulk	lb	07

Chloride, Acme.

Packed in the regular old style zinc packages, without patent rotating cover.

Patent Rotating Covers.

1 lb cans, in 50-lb cases	lb	5½ 9
½ lb cans, in 50-lb cases	lb	6½ 10
¼ lb cans, in 50-lb cases	lb	8 11

Also in 50-lb cases, assorted, as follows:
15 lbs in ones }
15 lbs in halves } 6½
20 lbs in quarters }

LITHIUM ACETATE, 1 oz c.v.4 oz 80
Benzoate, 1 lb c b lb 1 75
Benzoate, 1 oz c.v.4 oz 16
Bitartrate oz 80
Bromide, 1 lb g.s.b. lb 2 80
Bromide, 1 oz g.s.v.7 oz 21
Carbonate, 1 lb c.b.10 lb 2 30
Carbonate, 1 oz c. v. 4 oz 21
Chloride, 1 oz g.s.v.7 oz 20
Chloride, 1 lb g.s.b. lb 2 75
Citrate, 1 oz c.v.4 oz 14
Iodide, 1 oz g.s.v.7 oz 41
Nitrate, 1 oz c.v.4 oz 23
Salicylate, 1 lb c.b. lb 1 50
Salicylate, 1 oz c.v.4 oz 14

LITMUS, Cubes lb 80

LITMUS PAPER, (see Paper).

LODESTONE lb 35-40

LOGWOOD CHIPS. Campeachy lb 3¼-10

LONDON PURPLE lb 12-15

LOTION, Granville's lb 88

LORETIN oz 80

LOSOPHAN oz 1 80

LOZENGES.

Licorice	lb	20-25
Potash, Chlorate	lb	35-40
Santonine	lb	75
Santonine, Cones, Ger. 100 in box	box	65
Wistar's	lb	70

LUNAR CAUSTIC.

Pure, 1 oz c. v.	oz	58
No. 2, (67% Nit. Sil.) 1 oz c.v.		39-39
No. 3, (50% Nit. Sil.) 1 oz c.v.		31
(Diluted Nitrate Sil. U. S. P. 1880). 33⅓% Nitrate Sil, 1 oz c.v.		27
(Mitigated Caus, U. S. P. 1890). In cones, (5% Chlo. Sil) 1 oz c.v.	oz	68

LUPULIN.

American	lb	1 25
German	lb	50

LYCOPODIUM lb 96-1 05

LYCETOL, Bayer, 1 oz carts 4 25

LYSOL lb 67

MACE.

	lb	85
Powd	lb	90

MADDER, Dutch lb 14-18

MAGNESIUM.

Benzoate, 1 oz c. v. 4	oz	20
Boro-citrate, 1 lb c. b. 10	lb	1 25
Boro-citrate, 1 oz c. v. 4	oz	14
Bromide, 1 oz g. s. v. 7	oz	18
Chloride, Fused, 1 lb c.b.10	lb	80
Chloride, Crystals, 1 lb c.b.	lb	80
Calcined, Jennings', 1 lb cans	lb	65
Calcined, K. & M.'s 1 lb cans	lb	65
Calcined, Pattison's 1 lb cans	lb	65
Calcined, P. & W	lb	65
Carbonate, Jennings'	lb	30-35
Carbonate, Jennings', sm. sq.	lb	60
Carbonate, K. & M.'s,	lb	16-25
Carbonate, K. & M.'s, sm. sq.	lb	50
Carbonate, M.B.D. Co	lb	15-20
Chloride	lb	30
Citrate, dry, K. & M., Eng style	lb	75
Citrate, dry, K. & M	lb	1 25
Citrate, sol	doz	2 25
Hypophosphite, 1 lb c.b.9	oz	1 30
Hypophosphite, 1 oz c v.4	oz	13
Iodide, 1 oz g. s. v. 7	oz	45
Lactate, 1 oz c. v. 4	oz	20
Metallic, Powd, 1 oz can incl.	oz	25
Nitrate, 1 lb c.b.9	lb	50
Nitrate, 1 oz c. v. 4	oz	07
Powdered, K. & M.'s	lb	25
Phosphate, 1 lb c. b. 9	lb	70
Phosphate, 1 oz c. v. 4	oz	06
Phosphate, 1 lb cartons incl.	lb	72
Phosphate, 1 oz cartons incl	oz	09
Ribbon	oz	60
Salicylate, 1 oz c. v. 4	oz	20
Sulphate, Dried, 1 lb c.b.9	lb	13
Sulphate, C. P. 1 lb c. b. 9	lb	20
Sulphite, 1 lb c. b. 9	lb	40
Sulphite, 1 lb cartons incl.	lb	42
Silicate, 1 oz c. v. 4	oz	15

MALLEINE.

2cc, 2 doses		1 25
3cc, 3 doses		1 65
5cc, 5 doses		2 65
10cc, 10 doses		5 00
20cc, 20 doses		9 75

The Oakland Chemical Co.

MANGANESE.

Black Oxide	lb	08-10
Borate incl.	lb	75
Borate, 1 lb cartons incl	lb	62
Bromide, 1 oz g. s. v. 7	oz	24
Carbonate, 1 oz c. v. 4	oz	10
Chloride, 1 lb c. b. 9	lb	50
Chloride, 1 oz c.v.4	oz	10
Citrate, 1 oz c.v.4	oz	25
Hypophosphite, 1 lb c.b.10	lb	1 20
Hypophosphite, 1 oz c.v.4	oz	12
Iodide, 1 oz g.s.v.7	oz	45
Phosphate, 1 oz c.v.4	oz	14
Sulphate, Pure Cryst. 1 lb c.b.9	lb	45
Sulphate, Pure Cryst. 1 oz c. v. 4	oz	05
Sulphate, Pure, Dried, 1 lb c.b. 9	lb	45

MANNA.

Large flake	lb	1 00
Small flake	lb	55

MARBLE DUST.

New York	bbl	2 25
Missouri	bbl	1 25

MENTHOL.

Crystals, 1 oz vials	oz	42
Crystalized	lb	6 50-6 00

MENTHOXOL, ¼ lb bottle doz 6 00

MERCURY.

	lb	80
Distilled	lb	85
Acetate, 1 oz c.v.3	oz	85
Bisulphate (Merc. Bisulph.) c. b. 6	lb	70
Bromide, Proto, 1 oz c.v.8	oz	80
Cyanide (Merc. Cyan.) 1 oz c.v. 3	oz	25
Cyanide & Potass., 1 oz c.v.4	oz	40
Iodide, Green (Proto), (Green Mercurous Iod.) 1 oz c.v.8	oz	24
Iodide, Red (Per), (Red Mercuric Iodide), 1 oz c.v.3	oz	26
Iodide, Yellow, (Yellow Mercurous Iodide), 1 oz c.v.4	oz	24
Nitrate, Proto (Cryst. Mercurous Nitrate), 1 oz c.v.3	oz	20
Nitrate, Solution (Sol'n of Mercuric Nitrate), 1 oz g.s.v.7	oz	08
Oxide, Blk (Merc. Ox.) c.v.2	oz	15
Oxide, Yellow (Yellow Merc. Oxide) 1 oz c.v.3	oz	15
Salicylate, 1 oz c.v.4	oz	28
Subsulphate, (Yellow Merc, Subsulphate, Turpeth Mineral). 1 lb c. b. 8	lb	1 00
Subsulphate, 1 oz c.v.3	oz	12
Sulpho-Cyanate, 1 oz c.v.4	oz	25
Sulphuret (Ethiop's Mineral, Black Mercuric Sulphide). Sulphuret, 1 lb c.b.8	lb	70
Tannate, 1 oz c. v. 3	oz	18
With Chalk (Hydrarg. cum Creta)		45
With Magnesia, 1 lb c.b.12	lb	65

MERCURIAL OINTMENT.

½ Mercury, 1 lb cans 5; 1 lb jars 14	lb	53
¼ Mercury, 1 lb cans 5; 1 lb jars 14	lb	43

METHYLENE.

Bi-Chloride, 1 oz. g.s.v.7	oz	65
Metacarbol oz. incl	oz	75

METOL.

1 oz vials incl	oz	75
¼ lb vials incl	each	2 75
½ lb vials incl	each	5 25
1 lb vials incl	each	10 00

MIGRAMINE, Migrainine oz 1 50

MILK, Sugar of, powd lb 25

MORPHINE.

Acetate, P. & W.'s, ⅛ oz v	oz	3 00
Acetate, P. & W.'s, 1 oz v	oz	2 75
Bimeconate, ⅛ oz vials	oz	3 70
Bimeconate, solution, bot. 9	lb	1 25
Bromide, ⅛ oz vials	oz	3 35
Muriate, ⅛ oz vials	oz	3 00
Muriate, 1 oz vials	oz	2 75
Pure Alkaloid, ⅛ oz vials	oz	3 50
Morphia-Sulph., M. B., ⅛-oz.	oz	2 40
Morphia-Sulph., M. B, 1-oz	oz	2 15
Sulphate, N. Y. Q. & C. Works ⅛ oz vials	oz	2 50
Sulphate, N. Y. Q. & C. Works 1 oz vials	oz	2 25
Sulphate, P. & W.'s ⅛ oz	oz	2 50
Sulphate, P. & W.'s 1 oz v	oz	2 25
Valerianate, ⅛ oz vials	oz	4 20

MOSS.

Iceland	lb	15-20
Irish, extra	lb	20-25

MUSK.

Chinese	oz	40
Tonquin, grain	dram	3 75

MUSTARD.

Colman's Durham, 4 oz c	doz	1 20
Colman's Durham, 4, 6, 10 lb c.	lb	32
Colman's Durham, 8 oz c	doz	2 25
Colman's Durham, 16 oz c	doz	4 25
Colman's D. S. F., 4 oz c	doz	1 65
Colman's D. S. F., 8 oz c	doz	3 00
Plaster	lb	12-15
Yellow, bulk	lb	25-30

NAPHTHA, wood lb 28

NAPHTHALIN or Moth Balls lb 8-8

Flakes	lb	8-8
M. B., 6 oz. carton	doz	40
M. B., 6 oz. large	doz	65
Pure, 1 lb cartons incl	lb	27
Pure, 1 oz cartons incl	oz	10

NAPHTHOL.
Alpha....oz 80
Beta....oz 10
Benzoate, 1 oz. carts....oz 22
Beta-Salicilate, 1 oz. v. 4....oz 60

NARCEINE, ⅛ oz vials....oz 10 00

NARCOTINE, ⅛ oz vials....oz 2 50

NICKEL.
Acetate, 1 oz c. v. 4....oz 80
Bromide, 1 oz g. s. v. 7....oz 80
Chloride, 1 oz c. v. 4....oz 20
Nitrate, 1 oz g. s. v. 7....oz 12
Oxide, 1 oz c. v. 4....oz 20
Sulphate, 1 lb c. b. 9....lb 80
Sulphate, 1 oz c. v. 4....oz 06
Sulphate, & Ammonia, 1 lb c. b. 9....lb 22

NOSOPHEN, 1 oz tins....oz 1 50

NOITOL....lb 2 00

NUTGALLS, Aleppo....lb 25-30
Aleppo, ground....lb 30-35
Aleppo, powdered....lb 30-35

NUTMEGS. Macassar, large....lb 32-46
Penang, powd....lb 45-49

NUTS. Areca....lb 20
Areca, powdered....lb 30

KOLO KOLA....lb 25
Powdered....lb 30

NUX VOMICA....lb 10-15
Powdered....lb 16-20
Rasped....lb 15-20

OAKUM, Surgeons'....lb 18

OATMEAL....lb 05

OLEO-RESIN (Balsam).
Copaiba, Maranham....lb 55-65
Copaiba, Para....lb 50-60
Copaiba, solidified....lb 75
Fir, Canada....lb 65
Fir, Oregon....lb 38
Gurgun....lb 25

OIL.
Almond, Bitter, Allen's....oz 75
Almond, Sweet (so-called), oil of Peach Kernels, Ol. Nuc Persicorum....lb 25-35
Almond, Expressed, U. S. P., Oleum Amygdalæ Expressum....lb 50-60
Almond, Expressed (Allen's), Oleum Amydalæ Expressum....lb 55-65
Amber, crude....lb 20
Amber, rectified....lb 45
Animal, Ethereal, Dippel's....oz 25
Animal, fœtid....lb 85
Anise....lb 1 55-1 60
Bay Leaves, true....oz 35
Bay Leaves (22 oz bots)....lb 3 80-4 25
Benne....gal 90-1 10
Bergamot, pure....lb 2 65-2 85
Birch Tar, crude....lb 30
Birch Tar, rectified....lb 90
Cade....lb 80
Cajeput....lb 85-1 20
Calamus....oz 80
Camphor, E. I....lb 25-30
Cantharides, Oleo Resin....oz 1 00
Capsicum....oz 50
Caraway, chaff....lb 75
Caraway, seed....lb 1 40
Cardamom....oz 3 50
Cassia....lb 1 00-80
Castor, 50s....doz 75
Castor, 40s....doz 85
Castor, 30s....doz 1 00
Castor, 20s....doz 1 50
Castor, 16s....doz 1 75
Castor, 8s....doz 8 00
Castor, No. 1....gal 88-1 00
Cedar, com'l—a mixture....lb 30-35
Cedar Wood pure....lb 45-50
Cedar Leaf, pure....lb 1 10-1 00
Cedrat....oz 50
Celery....oz 75
Chamomile, German....oz 5 00
Chamomile, Roman....oz 1 50
Cherry-Laurel....oz 75
Cinnamon, Ceylon....oz 80
Citronella, native, 22 oz bots..lb 45
Cochlearia....oz 3 00
Cloves....lb 1 45
Cocoanut....lb 20
Codliver, brown, Bergen...gal 2 50
Codliver, Newf'dland....gal 2 25
Codliver, Norwegian....gal 2 35
Cognac, green....oz 4 50

OIL—Con'd.
Cognac, artificial....oz 75
Cologne....oz 50
Copaiba....lb 1 20
Coriander....oz 75
Croton, 24 oz bottles....lb 1 15-1 50
Cubebs....lb 1 40-1 60
Cumin....oz 40
Cypress, German....oz 1 20
Dill Seed....oz 50
Ergot....oz 10
Erigeron, Keith's....oz 80
Erigeron....lb 1 50
Eucalyptus....lb 1 00-1 20
Fennel Seed....lb 1 25
Fire Weed....lb 3 00

Fusel—see Methyl Alcohol, Coml, per gallon....2 00
Geranium, Rose, Chiris'....oz 75
Ginger....oz 75
Golden Rod....oz 45
Hemlock, com'l—a mixture..lb 30
Hemlock, pure....lb 65
Henbane, Conct....lb 50
Horsemint....lb 2 75
Horseradish....oz 75
Jasmin, alcoholic....lb 8 25
Juniper Berries....lb 1 50
Juniper Wood....lb 50-60
Laurel, expressed....lb 50
Lavender Flowers....lb 2 60-3 00

Lavender, Garden—a mixture....lb 75-1 00
Lavender, Spike....lb 1 25-1 60
Lemon, Rina, M. B....lb 85-1 15
Lemon Grass....lb 3 95
Lobelia....oz 75
Mace, expressed....lb 1 50
Male Fern, ethereal....oz 50
Marjoram....oz 50
Mirbane....lb 15-25
Mullein (so-called), an alcoholic extract Verbascum Thap..oz 50

Musk, alcoholic....oz 1 00
Mustard, essential....oz 60
Mustard, expressed....gal 85
Neroli, Bigarade....oz 3 25
Neroli, Petit Grain....oz 50
Nutmegs, essential....oz 25
Olive, pure, Malaga....gal. 90-1 00
Olive, pure, salad, No. 348, in 1 gal. cans....gal 2 75
No. 348, Maltese Cross, case 2 doz. pts....case 9 00
case 1 doz. qts....case 8 00
Olive, pure, salad, Lautier Fils, in 1 gallon cans....each 3 00
Olive, pure, salad, Lautier Fils ½ pints....doz 3 25
Olive, pure, salad, Lautier Fils pts....doz 5 00
Olive, pure, salad, Lautier Fils qts....doz 8 00
Olive, pure, Mottet's ½ pts..doz 3 00
Olive, pure, Mottet's, pts..doz 5 50
Olive, pure, Mottet's, qts..doz 9 00
Olive, Callisto, 1 gal cans..gal 2 15
Olive, I.X.L., cook'g....gal 55-65
Olive, Union....gal 60-75
Orange, bitter, hand-presd..lb 3 80

Orange, sweet, hand-pressed, ...lb 2 40-2 80
Origanum, true....lb 1 85
Origanum (so-called), pure oil Red Thyme....lb 1 40

Origanum, com'l—a mixture..lb 80-25
Palm....lb 15
Parsley....oz 60
Patchouly....oz 75
Pennyroyal....lb 1 50
Pepper, black....lb 90
Peppermint, Western....lb 3 75
Peppermint, Hotchkiss'....lb 4 50
Pepperm't, Wayne County..lb 3 75
Pimento....oz 32
Pinus Sylvestris, German..lb 1 10-1 25
Poppy....lb 40
Rhodium, coml. No. 1....oz 75
Rhodium, coml. No. 2....oz 40
Rose, Kizanilik....dr 1 00
Rosemary, flowers....lb 1 20
Rosemary, Trieste....lb 80
Rue, true German....oz 75
Sage....oz 50
Sandal-wood, English....lb 5 00-5 50
Sandal-wood, West India so-called, German....lb 2 50-3 00
Sassafras, pure....lb 50

OIL—Con'd.
Savin, true....lb 2 25
Seneka....lb 15
Skunk....lb 75
Smartweed....lb 3 50
Sperm....gal 80-95
Spike (so-called)—a mixture..lb 20
Spruce....lb 75
Stone, black (so-called), Crude Petroleum....lb 20
Stillingia....oz 60
Sweet, 50s....doz 60
Sweet....gal 1 00
Sweet, 40s....doz 75
Sweet, 30s....doz 90
Sweet, 20s....doz 1 10
Sweet, 16s....doz 1 25
Tansy....lb 4 50
Tar....lb 10
Tar....gal 45
Thyme, red....lb 1 50
Thyme, white....lb 1 75
Tobacco....oz 1 25
Turpentine, pure....lb 85
Valerian....oz 50
Verbena, true....oz 75
Wine, light....lb 3 60
Wine, heavy....lb 5 60
Wintergreen, True....lb 2 65
Wintergreen, Art....lb 75
Wormseed, Baltimore....lb 2 00
Wormwood, pure....lb 4 00
Ylang Ylang....oz 6 50
Oil Cake, ground, 100 lb bags, 1 ton....ton 27 50
Oil Cake, ground, 100 lb bags, ½ ton....28 00
Oil Cake, ground, 100 lb bag..lb 1 50

OINTMENT.
Citrine....lb 50
Iodine....lb 1 00
Mercurial, ½m....lb 53
Mercurial, ⅛m....lb 43
Stramonium....lb 75
Tar....lb 50
Zinc, benzoated....lb 60
Zinc, carbonate....lb 60
Zinc, oxide....lb 50

OPIUM....lb 3 20-3 00
Denarcotized, 1 oz vial....oz 64
Powd....lb 4 85-3 75

OLEATE.
Aconitine, 2% oz vials incl...oz 1 00
Aluminum, 1 oz vials incl....oz 85
Atropine, 2% 1 oz vials incl..oz 60
Bismuth, 1 oz vials incl....oz 50
Cocaine, 5.. 1 oz vials incl...oz 75
Copper, 5% 1 oz vials incl..oz 25
Lead, 20% 1 oz vials incl....oz 25
Manganese, 1 oz vials incl ...oz 40
Mercury, 5% 1 lb c. b. incl..lb 85
Mercury, 5% 1 oz vials incl..oz 15
Mercury, 10% 1 lb c. b. incl..lb 1 00
Mercury, 10% 1 oz vials incl..oz 18
Mercury, 20% 1 lb c. b. incl..lb 1 35
Mercury, 20% 1 oz vials incl..oz 22
Mercury, 20% and Morphine 5% 1 oz vials incl....oz 35
Mercury, 5% and Morphine 2% 1 oz vials incl....oz 28

Morphine, 2% 1 oz v. incl....oz 80
Morphine, 5% 1 oz v. incl...oz 40
Morphine, 10% 1 oz v. incl...oz 70
Quinine, 5% 1 oz vials incl..oz 20
Quinine, 10% 1 oz vials incl..oz 30
Quinine, 25% 1 oz vials incl..oz 40
Strychnine, 2% 1 oz v. incl....oz 50
Veratrine, 2% 1 oz v. incl..oz 40
Zinc, 5% 1 lb c. b. incl....lb 1 00
Zinc, 5% 1 oz vials incl....oz 16
Zinc, Pow'd, 20..1 lb c. b. incl..lb 1 25
Zinc, Pow'd, 1 oz vials incl..oz 20

ORANGE APPLES....lb 15
Ground....lb 18

ORANGE PEEL.
Curacoa, in discs....lb 15-18
Curacoa, ribbons....lb 25
Curacoa, ground....lb 18-20
Curacoa, powdered....lb 25

OYSTER SHELL, prepared....lb 1½-08

PACATORIS....oz 1 00

PANAKAS and Tablets....oz 1 00

PANCREATIN.
Pure, powdered....oz 40
Sacch....oz 25
Pure, scales....oz 50

PANCREATIN, U. S. P., 1890.
Armour's, 1 oz. bottles.....oz 50
Armour's, ¼ lb and ½ lb bottles lb 7 20
Armour's, 1 lb bottles or tins.. 7 00

PAPER.
Litmus, Blue, in sheets....doz 35
Litmus, Red, in sheets....doz 35
Turmeric, in sheets.... ...doz 40

PAPOID, ½ oz vials.....oz 2 00

PAPAIN, L. & F.....oz 1 00
B. & S.....oz 1 10

PARALDEHYD.
1 oz c. v. 4.....oz 12
1 lb c. b. 9.....lb 1 50

PARAFFIN, 136°.....lb 12-18

PARIS GREEN.....lb 14-18

PASTE BASSORIN.....lb 75

PASTILLES.
Fumigating, black.....lb 50
Fumigating, red .....lb 55

PEARL ASH .....lb 10

PELLETIERINE.
Sulphate .....gram 1 75
Tannate..... .....gram 40

PEPPER.
Black, Singapore, sifted.....lb 15-18
Black, powdered.....lb 18-25
Long.....lb 80
Red, American, powd.....lb 20-25
Red, African, powd.....lb 30-35
White.....lb 80
White, powdered.....lb 35-40

PEPSINE
See list of Patent Medicines.

PHENACETINE.....oz 1 00

PHENALQUE, powdered.....oz 1 00
Tablets, 2½ grain.....oz 1 00
Tablets, 5 grain.....oz 1 00

PHENOLID .....oz 85

PHENOCOLL, Hydrochlorate 25 gram bottle .....each 1 50

PHOSPHORUS .....lb 90
1 oz cans incl.....oz 18
Amorphous, 1 c. b. 9.....lb 1 80

PILOCARPINE.
Pure, 5 and 10 gr. vials incl..gr 15
Muriate, Crystals, 1 oz.....oz 10 00
Muriate, Crystals, 5 & 10 gr. v. incl..... ..gr 06
Nitrate, 5 and 10 gr. v. inc ...gr 06

PIPERINE.
1 lb c. b. 10.....lb 8 00
1 oz cartons incl.....oz 60

PIPERAZINE.
Schering..... ....10 gram vial 1 50
½ and 1 oz.....oz 4 25
Bayer ½ and 1 oz vial.....oz 4 25
Bayer.....10 gram 1 50

PIPE CLAY ....lb 08

PITCH.
Black ....lb 06
Burgundy..... .....lb 10

PITH, Sassafras .....lb 1 50

PLASTER PARIS, Dental.....lb 03-05
Dental, M. B..... ...bbl 2 25
New York, Dental.....bbl 2 50
White's, Dental.....bbl. 4 75-500

PLASTER.
Adhesive, ½ lb rolls.....lb 40
Adhesive, spread, De La Cour's, 1 yard rolls.....yard 20
Adhesive, spread, De La Cour's, 5 yard rolls.....yard 18
Adhesive, spread, Taylor's 1 yd rolls.....yard 18
Adhesive, spread, Taylor's 5 yd rolls.....yard 15

PLASTER—Con'd.
Belladonna, ½ lb rolls.....lb 1 20
Diachylon, ½ lb rolls.....lb 40
Galbanum ½ lb rolls.....lb 60
Galbanum, comp., ½ lb rolls. lb 65
Iron, ½ lb rolls.....lb 40

PLASTER.Lead, ½ lb rolls.....lb 45
Mercury, U. S. P., ½ lb rolls . lb 1 10
Mother's, ½ lb rolls .....lb 50
Opium, ½ lb rolls. .....lb 1 75
Resin, ½ lb rolls .....lb 40
Soap.....lb 50
Vigo's, with Mercury, ½ lb rls lb 1 50

PLATINUM
Chloride, 1 oz c. s. v. 4 .....oz 10 75
Chloride, 10% Solution, 1 oz g. s. v.....7 oz 1 50

PODOPHYLLIN .....oz 40

POPPY HEADS.
French .....lb 50
German .....lb 25

POTASH.
Crude.....lb 10
Babbitt's, 2 doz cases.....case 2 00
P. S. Mfg. Co., 2 doz cases case 1 65
Caustic, coml.....lb 15
Caustic, pure, by alcohol....lb 50
Caustic, white.....lb 28
Solution (liq. potass.).....lb 16

POTASSA.
Caustic, Pure (by alcohol), 1 lb c. d. 9.....lb 50
Caustic, White, sticks, 1 lb c. b 9.....lb 28
Caustic, Common, sticks, 1 lb c. b. 9.....lb
Caustic, Commercial, lump. lb 15
Cum Calce, (Vienna Caustic), 1 lb c. b. 9.....lb 40
Solution, (Liquid Potassæ,), 1 lb g. s. b. 15.....lb 11

POTASSIUM.
Metallic, ¼ oz g. s. v. & case 10 oz 1 70
Acetate, 1 lb c. b., incl.....lb 85
Acetate, 1 lb tins, incl.....lb 80
Acetate, Chem. Pure, 1 lb c. b. incl. lb 50
Arsenate, 1 oz c. v. 4 .....oz 10
Arsenite, 1 oz c. v. 4 .....oz 10
Benzoate, 1 oz c. v. 4.....oz 18
Bicarbonate, Crystals, 1 lb cartons or boxes incl.....lb 17
Bicarbonate, Pow'd, 1 lb cartons or boxes, incl.....lb 17
Bicarbonate, Granulated C. P. 1 lb c. b. 9 .....lb 15
Bicarbonate, Granulated, 1 lb cart. or boxes incl.....lb 17
Bichromate, Powdered.....lb 20
Bichromate, Chem. Pure, 1 lb c. b. 9.....lb 50
Bichromate, Chem. Pure, 1 lb ct. .....inc lb 52
Bisulphate, 1 lb c. b. 9 .....lb 50
Boro Tartrate, (Soluble Cream Tartar), 1 lb c. b. 9 .....lb 65
Bromate .....lb 1 00
Bromide, Crystals, bulk.....lb 40
Bicarbonate, cryst.....lb 15
Bicarbonate, powd.....lb 15
Bichromate .....lb 16
Carbonate, Salts Tartar, 1 lb c. b. 9..... ...lb 12
Carbonate, 1 lb cans 5.....lb 12

POTASSIUM—Con'd.
Carbonate, C. P.....lb 80
Chlorate, Gran'd, Pure.....lb 21
Chloro Platinate, 15 grs. each 50
Chloride, Pure, 1 lb c. b. 9....lb 18
Chloride, Pure, 1 lb crts in....lb 20
Chlorate, cryst .....lb 9-15
Chlorate, powdered.....lb 10-16
Chloro-Platinite, 15 gr. v....ea 50
Chloro-Platinite .....oz 11 00
Chromate, Pure, (Yellow Neutral). 1 lb c. b. 9.....lb 40
1 lb cartons incl.....lb 42
Citrate, 1 lb b. 9.....lb 46
Cyanide, Fused (No. 1) lb.....lb 40
Cyanide, for min'g purp, No. 2 .....lb 34
Cyanide, for min'g purp. No. 3 .....lb 28
Cyanide, C. P. 1 lb cans 5.....lb 44
Cyanide, Gran'd, 1 lb cans 5. lb 52
Ferrocyanide, (Yellow Prussiate). Commercial.....lb 28-30
Chem. Pure, 1 lb carts incl..lb 52
Ferricyanide, (Red Prussiate). Commercial.....lb 60-65
Ferricyanide, C.P. 1 lb cart incl lb 95
Hypophosphite, 1 lb c. b. 9...lb 65
Hypophosphite, 1 lb cans 5...lb 65
Hypophosphite, 1 oz c. v. 4...oz 8
Iodate, 1 oz c. v. 4.....oz 50
Iodide, Cryst. or Gran'd.. ...lb 2 75
Iodo-Hydrarg, 1 oz g. s. v. 7...oz 60
Meta-Bisulphite, 1 oz c. v. 4..oz 12
Nitrate, Pure Cryst. or Gran'd 1 lb cart 2.....lb 12
Nitrate, C. P. Cryt. or Gran'd 1 lb cart. 2.....lb 80
Nitrite, Pure, in stks. 1 lb c. b. 9..... lb 1 20
Nitrite, Pure, in stks. 1 oz c. v. 4.....lb 12
Nitrate, cryst.....lb 10
Nitrate, granulated.....lb 12
Oxalate, Neutral, 1 lb cart. incl .....lb 25
Perchlorate, 1 oz c. v. 4.....oz 80
Permanganate, common, c. b. 9 .....lb 21
Permanganate, Pure, 1 lb cartons or boxes incl.....lb 28
Permanganate, Pure, 1 oz cartons incl.....oz 06
Permanganate, Pure, small cryst., 1 lb c. b. 9.....lb 20
Picrate, 1 oz c. v. 4.....oz 20
Phosphate, 1 lb c. b. 9.....lb 55
Phosphate, 1 oz c. v. 4..... oz 07
Prussiate, yellow.....lb 20-30
Salicylate, 1 oz c. v. 4.....oz 11
Salicylate, 1 oz cartons incl oz 13
Sesquicarbonate, 1 lb c. b. 9. lb 50
Silicate.....lb 20
Sulphate, Crystals .....lb 12
Sulphate, Powdered .....lb 15
Sulphate, Chem. Pure, 1 lb ctns inc .....lb 27
Sulphide (Sulphurated Potassa,) (Liver Sulphate,) 1 lb c b. 9.....lb 15
Sulphite, 1 lb cartons incl ....lb 42
Sulphocarbolate, 1 oz c. v. 4...oz 09
Sulphocarbolate, 1 oz cartons incl.....oz 11
Sulpho-Cyanate, 1 lb c. b. 9 ...lb 55
Sulpho-Cyanate, 1 oz c. v 4 ..oz 15
Tartrate, Soluble Tartar, 1 lb c. b. 9.....lb 55

POWDER.
Antimonial ... lb 65
Aromatic ... lb 1 00
Chalk, Aromatic ... lb 75
Chalk, Compound ... lb 75
Chalk and Opium ... lb 1 50
Jalap, comp ... lb 1 00
Licorice, comp ... lb 20-25
Rhubarb, comp ... 1 25

POWDERS.
Seidlitz ... doz 2 00
Soda ... doz 1 50

PROPYLAMIN.
Pure Liquid, 1 oz v. incl ... oz 55
Hydrochlorate, ⅛ oz v. incl ... oz 3 50

PULVIS ANTIMONIALIS, James' Powd.
Antimonial Powder.
1 lb cartons incl ... lb 50

PUMICE STONE.
Powdered ... lb 4-06
Lump, 50 lb box ... lb 7-10

PYOKTANIN, Blue ... oz 1 50
Yellow ... oz 1 50

PYRIDINE, C. P.
1 lb g. s. b. 14 ... lb 3 00
1 oz g. s. v. 7 ... oz 25

PYROGALLOL, Resublimed.
1-lb cans incl ... lb 2 15
½-lb cans incl ... lb 2 25
¼-lb cans incl ... lb 2 45
1-oz cans incl ... oz 22
1-oz vials incl ... oz 25
Schering's, 1-lb cans incl ... lb 2 50
Schering's, ½-lb cans incl ... lb 2 60
Schering's, ¼-lb cans incl ... lb 2 70
Schering's, 1-oz cans incl ... oz 26
Schering's, 1-oz vials inc ... oz 28

PYROZOLE ... oz 1 00

QUASSIA.
Chips ... lb 10
Granulated ... lb 15
Powdered ... lb 25

QUASSIN, 15 gr vials ... each 2 25

QUININE.
Acetate, 1 oz vials ... oz 67
Alkaloid, 1 oz vials ... oz 67
Arseniate, 1 oz vials ... oz 62
Bimuriate and Urea, 1 oz vls oz 69
Bimuriate, 1 oz vials ... oz 67
Bisulphate, 1 oz vials, P. & W oz 86
Bisulphate, 5 oz cans, P. & W oz 81
Borate, 1 oz vials ... oz 61
Cincho, 1 oz vials ... oz 1 10
Citrate, 1 oz vials ... oz 65
Dextro, 1 oz vials ... oz 50
Ferrocyanide, 1 oz vials ... oz 61
Hydrobromate, 1 oz vials ... oz 60
Hypophosphite, 1 oz vials ... oz 64
Iodide, 1 oz vials ... oz 70
Lactate, 1 oz vials ... oz 64
Muriate, 1 oz vials ... oz 60
Phosphate, 1 oz vials ... oz 60
Salicylate, 1 oz vials ... oz 60
Quinacetin ... oz 1 00

Sulphate.	M. B.	P. & W.
100 oz cans, oz	23	24
50 oz cans, oz	24	25½
25 oz cans, oz	25	26½
5 oz cans, oz	27	28½
1 oz cans, oz	30	31½
1 oz vials, oz	32	32½
½ oz vials, oz	37	38½
¼ oz vials, oz	42	43½
⅛ oz vials, oz	52	53½

Tannate, 1 oz vials ... oz 45
Valerianate ... oz 64

QUINIDINE.
Pure Alk, 1 oz. incl ... oz 70
Sulphate, P. & W.'s, 1 oz v ... oz 60
Sulphate, P. & W.'s, 5 oz cn ... oz 55

RED PRECIPITATE ... lb 1 12
Powdered ... lb 1 22
Powdered, c. p. 1 lb boxes ... lb 1 62

RED SAUNDERS ... lb 10-12

RESIN.
Copaiba ... lb 1 00
Jalap ... oz 50
Scamony ... oz 75

RESORCIN.
Crystals, 1 lb c.b.9 ... lb 1 60
Crystals, 1 oz c. v. incl ... oz 18
Powdered, 1 oz c. v. incl ... oz 18

RODINAL.
8 oz bottles incl ... each 60
8 oz bottles incl ... each 1 10
16 oz bottles incl ... each 2 00

ROOTS AND RHIZOMES.
Roots when ordered in oz pkgs 5c per lb over prices quoted.
Abcess, pressed, lb ... lb 40
Aconite, German ... lb 30
Aconite, powdered ... lb 35
Alkanet ... lb 20
Alkanet, powd ... lb 25
Angelica ... lb 35
Angelica, pressed, lb ... lb 40
Angelica, powd ... lb 40
Arnica, pressed, lb ... lb 30
Asparagus, pressed, lb ... lb 35
Avens, pressed lb ... lb 35
Bearsfoot, pressed, lb ... lb 30
Belladonna, pressed, lb ... lb 30
Belladonna, powd ... lb 40
Berberis Aquif ... lb 25
Berberis Aquif, pressed, lb ... lb 30
Beth, pressed, lb ... lb 30
Beth, powd ... lb 34
Bistort, pressed, lb ... lb 34
Bitter, pressed, lb ... lb 32
Blackberry, pressed, lb ... lb 22
Blood ... lb 30
Blood, powd ... lb 35
Blue Flag, pressed, lb ... lb 29
Bryony, pressed, lb ... lb 35
Burdock, pressed, lb ... lb 20
Burdock, powd ... lb 25
Calamus, peeled ... lb 25
Calamus, white, peeled and split ... lb 50
Calamus, powd ... lb 30
Cohosh, black, pressed, lb ... lb 19
Cohosh, black, powd ... lb 20
Cohosh, blue, pressed lb ... lb 20
Cohosh, blue, powd ... lb 25
Colchicum ... lb 30
Colchicum, powd ... lb 35
Columbo, foreign ... lb 30
Columbo, powd ... lb 35
Comfrey, pressed, lb ... lb 25
Comfrey, powd ... lb 30
Cranesbill, pressed, lb ... lb 30
Crawley, pressed, lb ... lb 45
Culvers, pressed, lb ... lb 25
Culvers, powd ... lb 30
Dandelion, Amer. pressed ... lb 20-25
Dandelion, German, cut ... lb 25-30
Dandelion, German, pressd lb ... lb 25
Dandelion, German, powd ... lb 30
Dwarf Elder, pressed, lb ... lb 40
Elecampane, pressed, lb ... lb 20
Elecampane, powd ... lb 25
Galangal ... lb 20
Galangal, powd ... lb 25
Gelsemium, pressed, lb ... lb 25
Gelsemium, powd ... lb 30
Gentian ... lb 12-15
Gentian, ground ... lb 15-18
Gentian, powd ... lb 18-20
Ginger African ... lb 15-18
Ginger, African, powd ... lb 18-20
Ginger, Jamaica, blchd ... lb 25
Ginger, Jamaica, blchd, powd lb 25
Ginger, Jamaica, unbleached. lb 25
Ginseng ... lb 8 50
Golden Seal ... lb 1 40
Golden Seal, powd ... lb 1 50
Hellebore, black, pressed, lb lb 25
Hellebore, black, powd ... lb 30
Hellebore, white, pressed, lb lb 25
Hellebore, white, powd ... lb 20
Indian Hemp, blk pressed, lb lb 40
Indian Hemp, black, powd.. lb 40
Indian Hemp, white, prsd, lb lb 30
Indian Hemp, white, powd.. lb 30
Indian Turnip, pressed, lb ... lb 30
Indian Turnip, powd ... lb 30
Ipecac, Rio ... lb 2 10
Ipecac, Rio, powd ... lb 2 20
Jalap ... lb 30-35
Jalap, powd ... lb 30-35
Ladies' Slipper, pressed, lb ... lb 45
Licorice, select ... lb 18-20
Licorice, cut, Russian ... lb 25
Licorice, powd ... lb 15
Lovage, pressed, lb ... lb 30
Male Fern, pressed, lb ... lb 25
Male Fern, powd ... lb 30

ROOTS AND RHIZOMES—Con'd.
Mandrake, pressed, lb ... lb 30
Mandrake, powd ... lb 35
Marshmallow, cut ... lb 35
Marshmallow, powd ... lb 35
Masterwort, pressed, lb ... lb 40
Milkweed, pressed, lb ... lb 30
Musk ... lb 30
Nettle, pressed, lb ... lb 24
Ononidis, cut ... lb 40
Orris, Fingers ... lb 1 50
Orris, Florentine ... lb 30
Orris, Florentine, powd ... lb 25
Orris, Verona ... lb 15
Orris, Verona, powd ... lb 20
Peony, pressed, lb ... lb 50
Pareira Brava, pressed, lb ... lb 34
Parsley, pressed, lb ... lb 40
Pellitory, pressed, lb ... lb 40
Pellitory, powd ... lb 45
Pimpinella, pressed, lb ... lb 45
Pink ... lb 40
Pink, pressed, lb ... lb 40
Pink, powd ... lb 45
Pleurisy, pressed, lb ... lb 30
Poke, pressed, lb ... lb 15
Poke powd ... lb 20
Pond Lily, white, pressed, lb. lb 40
Pond Lily, white, powd ... lb 45
Pond Lily, yellow, pressed, lb lb 30
Pond Lily, yellow, powd ... lb 35
Rhatany ... lb 32
Rhatany, powd ... lb 35
Rhubarb, East India ... lb 50
Rhubarb, East India, powd ... lb 65
Rhubarb, cut in cubes, No. 1. lb 1 50
Rhubarb, cut in cubes, No. 2. lb 85
Rhubarb, cut in fingers, No. 1. lb 1 80
Rhubarb, cut in fingers, No. 2 lb 1 10
Rhubarb, Shensi, sun-dried ... lb 75
Salep, powd ... lb 85
Sarsaparilla, American ... lb 30
Sarsaparilla, American, pwd lb 35
Sarsaparilla, Honduras ... lb 55
Sarsaparilla, Hondu ground ... lb 60
Sarsaparilla, Hondu powd ... lb 60
Sarsaparilla, Mexican ... lb 30
Sarsaparilla, Mex., ground ... lb 35
Sarsaparilla, Mexican, powd. lb 35
Seneca ... lb 1 15
Seneca, pressed ... lb 1 20
Seneca, powd ... lb 1 25
Silkweed, pressed, lb ... lb 34
Skunk Cabbage, pressed, lb ... lb 30
Skunk Cabbage, powd ... lb 35
Snake, Canada, pressed, lb ... lb 38
Snake, Virginia ... lb 75
Snake, Virginia, powd ... lb 85
Soapwort, pressed, lb ... lb 38
Solomon's Seal, pressed, lb ... lb 30
Solomon's Seal, powd ... lb 35
Spikenard, pressed, lb ... lb 45
Spikenard, powd ... lb 50
Squill, white, sliced ... lb 20
Squill, powd ... lb 25
Stillingia, pressed, lb ... lb 25
Stillingia, powd ... lb 30
Stone, pressed, lb ... lb 25
Sweet Flag, pressed, lb ... lb 25
Tormentilla, pressed, lb ... lb 34
Turkey Pea, pressed, lb ... lb 28
Unicorn, true, pressed, lb ... lb 50
Unicorn, true, powd ... lb 55
Unicorn, false, pressed, lb ... lb 70
Unicorn, false, powd ... lb 75
Valerian, English, bulk ... lb 35
Valerian, English, powd ... lb 40
Valerian, German ... lb 25
Valerian, German, powd ... lb 30
Valerian, Vermont ... lb 25-30
Valerian, Vermont, powd ... lb 30-35
Zedoary ... lb 25

ROSIN ... lb 02-05
Bbl of 280 lbs ... bbl 4 10-6 10

RUBIDIUM BROMIDE 1 oz vials incl ... oz 1 00

RUBIDIUM IODIDE, 1 oz vials incl ... oz 1 00

SAGO, Pearl, E ... lb 08

SAL ACETOSELLA.
1 lb cartons or boxes incl ... lb 28
Prunelle, Balls, 1 lb boxs incl. lb 35

SALACETOL, "Chemia" ... oz 75

SALFENE, Powder & Tablets ... oz 1 00

SALAERATUS ... lb 10

SALICIN ... oz 40
1 lb cartons ... lb 4 60

SAL.

Epsom	lb	1 50-05
Glauber	lb	¾-05
Nitre, coml	lb	6-03½
Nitre, pure, large crystals	lb	6-09
Nitre, pure, small crystals	lb	6¾-08
Nitre, pure, granulated	lb	6-08
Nitre, pure, powdered	lb	15
Rochelle	lb	22-28
Soda	lb	9-10-2½

SALITONIA oz 1 00

SALOPHEN oz 1 00

SALOL oz 15

¼ lb c. b. incl	lb	1 50
½ lb c. b. incl	lb	1 45
1 lb c. b. incl	lb	1 40

SALO SEDATUS.

Powder or Tablets	doz	1 00

SALT, Atlantic, 4 lb bags ea 08

Bahama in 10-lb. bags	bag	15
Crab Orchard, true	lb	25
Crab Orchard, true, 5c size	doz	40
Crab Orchard, true, 10c size	doz	80
Crab Orchard, true, 25c size	doz	2 00
Dittman's Sea Samples	doz	85
Dittman's Sea, 2lb boxes	doz	1 75
Dittman's Sea, 6lb boxes	doz	3 50
Dittman's Sea, 14lb boxes	doz	7 00
Dittman's Sea, 25lb boxes	doz	13 50
Dittman's Sea, barrel	each	7 00

SAPORDERMIN, 1-5%-1% Hydrarg.

Albuminate	doz	2 40

SANTONIN, 1 lb c. b. 9 lb 8 50

1 oz c. v. 4	oz	60

SEED AND FRUITS.

Ambrette	lb	50
Angelica	lb	80
Anise, German	lb	15
Anise, Italian	lb	20
Anise, Italian, powd	lb	25
Anise, Star	lb	85
Bird, mixed, 1 lb cartons	lb	10
Bird, No. 1, 48 lb box	lb	07
Bird, No. 2, 60 lb box	lb	06
Burdock	lb	25
Canary	lb	7½-09
Carraway, Dutch	lb	15
Carraway, powdered	lb	20
Cardamom, Mangalor, bl	lb	1 15
Cardamom, powd	lb	1 25
Celery	lb	20-25
Colchicum	lb	75
Colchicum, powd	lb	80
Conium	lb	25
Coriander	lb	15
Coriander, powd	lb	25
Cumin	lb	25
Dill	lb	25
Fennel	lb	18
Fennel, powd	lb	25
Flax, recleaned	lb	3½-05
Flax, ground	lb	3½-05
Fœnugreek	lb	06-08
Fœnugreek, powd	lb	08-10
Hemp, recleaned	lb	4¾-07
Henbane	lb	85
Larkspur	lb	1 00
Lobelia	lb	75
Lobelia, powd	lb	78
Lovage	lb	1 25
Millet, American	lb	04
Mustard, black, Trieste	lb	10-12
Mustard, white	lb	10-12
Parsley	lb	25
Poppy, blue	lb	15
Poppy, white	lb	25
Pumpkin	lb	25
Quince, German	lb	65
Quince, Russian	lb	50-60
Rape, English, bag	lb	06-15
Sabadilla	lb	30
Sabadilla, powd	lb	35
Stavesacre	lb	30-35
Stavesacre, powd	lb	35-40
Stramonium	lb	15
Stramonium, powd	lb	25
Sunflower	lb	15
Waterfennel	lb	25
Waterfennel, powd	lb	30
Watermelon	lb	20-25
Worm, American	lb	25-30
Worm, American, powd	lb	28-32

SEED AND FRUITS—Con'd.

Worm, Levant	lb	25-30
Worm, Levant, powd	lb	28-32
Worm, candied	lb	50

SEIDLITZ MIXTURE lb 21-25

SILVER, Bromide, 1 oz vials oz 1 15

Chloride, 1 oz vials	oz	75
Cyanide, 1 oz vials	oz	1 00
Iodide, 1 oz vials	oz	1 05
Nitrate, crystal, 1 oz vials M B D Co	oz	50
Nitrate, crystal ¼ lb b incl M B D Co	lb	6 65
Nitrate, crystal ½ lb b incl M B D Co	lb	6 55
Nitrate, crystal, 1 lb b incl M B D Co	lb	6 45
Nitrate, cones, 1 oz vials M B D Co	oz	58
Nitrate, fused (lun caustic) 1 oz vials, M B D Co	oz	58
Nitrate, fused, No. 2, 1 oz v.	oz	89
Nitrate, fused, No. 3, 1 oz v.	oz	81
Nitrate, Gran'd, 1 oz c. v. 4	oz	87
Oxide, 1 oz c. v. 4	oz	1 10
Phosphate	oz	1 75
Precipitated	oz	1 50
Phosphate, 1 oz c. v. 4	oz	1 75
Sulphate, 1 oz c. v. 4	oz	1 10

SNUFF.

Garrett's Scotch.		
1 oz bxs, tin cans 6 doz ea.	box	8 00
1⅛ oz bxs, tin cans 6 dz ea.	box	5 80
1 oz pks, 6 doz each	box	8 00
1⅛ oz pks, 6 doz each	box	5 80
6 oz bots, 4 doz each	box	11 50
1 lb pkgs, 2 dozen each	box	11 00
Bladders	lb	50
Maccaboy	lb	51
Rappee	lb	51

SOAP.

Castile, Imp. La Tosca, white	lb	11½-14
Castile, Imp. La Tosca, green	lb	11½-14
Castile, mottled, Conti's	lb	11½-15
Castile, mottled, Marseilles, pure	lb	10
Castile, mottled, Mazzini's	lb	11-13
Castile, mottled, Mazzini's cut, ⅛s, ½s	lb	11-13
Castile, mottled, coml	lb	08-10
Castile, mottled, pure	lb	10-12
Castile, white, American	lb	08-10-12
Castile, white, Conti's	lb	12½-15
Castile, white, Horse brd	lb	11-14
Castile, white, Yaritu, Span	lb	28-30
Green, so-called German, commercial	lb	12-13
Green, so-called German, Moeller's (Sapo Viridis, pure olive oil base)	lb	20-35
Green Soap, Bagoe's, 1-lb cans		65-75
Opodeldoc	lb	14
Santa Rex white	lb	08-10
Whale Oil	lb	6- 8
White, chipped, 1 bbl lots	lb	06
White powdered		30-40

SODA, Ash lb 1¼-04

Caustic, by lime, sticks	lb	25
Caustic, by alcohol, C. P.	lb	50
Caustic, Sticks, (Soda by Lime), 1 lb c. b. 9	lb	25
Caustic, Pure, by Alcohol, 1 lb c. b. 9	lb	50
Caustic, Commercial	lb	10
Chlorinated (Labarraque's)	doz	2 45
Hyposulphite	lb	03-06
Silicate	lb	10
Solution, U. S. P., (Liquid Sodæ), 1 lb g. s. b. 15	lb	25

SODIUM. Com'l.

Acetate, 1 lb c. b. 9	lb	15
Acetate, 1 lb cartons or boxes incl.	lb	17
Acetate, Fused Anhyd's, 1 lb c. b. 9	lb	80
Ammonium Phosphate (Microcosmic Salt), 1 lb c. b. 9	lb	85
Acetate, Fused Anhyd's, 1 oz c. v. 4	oz	8
Amalgam, (8% Sodium)		
Arsenate, Pure, 1 lb c. b. 9	lb	40
Arsenate, Pure, 1 oz c. v. 4	oz	05
Arsenate, Commercial, 1 lb c. b. 9	lb	18
Arsenite, Pure, 1 lb c. b. 9	lb	55
Arsenite, Pure, 1 oz c. v. 4	oz	8
Benzoate, 1 lb c	lb	60

SODIUM—Con'd.

Benzoate, 1 oz cartons incl	oz	09
Benzoate, made with true Benzoic Acid.		
Benzoate, from Gum Benzoin 1 oz c. v. 4	oz	22
Benzoate, from Gum Benzion, 1 lb c. b. 10	lb	2 75
Bicarb., Natrona	lb	02¼-05
Bicarb., American	lb	02-05
Bicarbonate, English	100 lb	02½-06
Bichromate	lb	25-30
Bisulphate	lb	45
Bisulphite	lb	20
Bisulphite, solution	lb	15
Bisulphate, 1 lb c. b. 9	lb	45
Bisulphite, 1 lb c. b. 9	lb	20
Bisulphide, Sol'n, 1 lb g. s. b. 15	lb	12
Bicarbonate, Crystals, C. P., 1 lb cartons incl	lb	15
Bicarbonate, Crystals, 1 lb c. b. 9	lb	15
Bicarbonate, Granulated, C.P., 1 lb cartons incl	lb	15
Bicarbonate, Powdered, C.P., 1 lb cartons incl	lb	15
Bichromate, 1 lb c. b. 8	lb	25
Bromide, 1 lb cartons and bxs incl	lb	47
Bromide, 1 oz c. v. 4	oz	6
Carbolate, 1 oz c. v. 4	oz	20
Carbonate, Pure Crystals, 1 lb cartons incl	lb	10
Carbonate	lb	8
Carbonate, Pure, Dried, 1 lb cts. inc	lb	18
Carbonate, C. P., Cryst, 1 lb cts. inc	lb	24
Carbonate, C. P. Dried, 1 lb cts. inc	lb	32
Chlorate, Pure Gran'd., 1 lb cartons incl	lb	27
Chlorate, pure Gran'd., 1 oz cartons incl	oz	10
Choleate, 1 oz c. v. 4	oz	18
Chloride, liquid	gal	50
Chloride, g. s. b. incl	doz	8 05
Chloride, c. s. b. incl	doz	2 45
Citrate, Granular, 1 lb c. b. 9	lb	45
Ethylate, Pure, Dry, g. s. v. incl	oz	70
Ethylate (Richardson's), g. s. v. incl	oz	85
Ethylate, Liquid (Ph. Brit.), g. s. v. incl		25
Hypophosphite	lb	65
Hypophosphite, 1 oz c. v. 4	oz	8
Hyposulphite (Sodium Thiosulphate), 1 lb c. b. 9	lb	7
Hyposulphite, Gran'd., C. P., 1 lb cartons incl	lb	14
Hyposulphite, Crystals, C. P., 1 lb cartons incl	lb	14
Iodide, 1 lb c. b. 8	lb	3 60
Iodide, 1 oz c. v. 8	oz	31
Lactate, Liquid, Conc., 1 lb c. b. 9	lb	3 50
Lactate, 1 oz c. v. 4	oz	25
Meta-Bisulphite, 1 oz c. v. 4	oz	12
Metallic, 1 lb tin incl	lb	1 00
Metallic, 1 oz g. s. v. and tin		10
	oz	15
Nitrate Sodium bags	lb	02¾-05
Nitrate, Crys., 1 lb crts incl	lb	12
Nitrate, Pow'd Purified, 1 lb cartons incl	lb	14
Nitrate, Granulated, 1 lb cartons incl	lb	18
Nitrate, Crystals, C. P., 1 lb cartons incl	lb	22
Nitrite, Pure, in sticks, 1 lb c. b. 9	lb	1 00
Nitrite, Pure, in sticks, 1 oz c. v. 4	oz	12
Nitro Prusside, 1 oz c. v. 4	oz	50
Oxalate (Neutral), 1 lb c. b. 9	lb	45
Permanganate, 1 lb c. b. 9	lb	60
Peroxide, 1 lb g. s. b. 14		1 00
Phosphate, Pure, Recryst 5	lb	12
Phosphate, Crystals, 1 lb	lb	10
Phosphate, Gran'd., Pure, 1 lb cartons incl	lb	14

SODIUM—Con'd.

Phosphate, Dried, Pow'd., 1 lb cartons incl	lb	28
Pyrophosphate, 1 lb c.b.9	lb	50
Pyrophosphate, 1 oz c.v.4	oz	06
Salicylate, Scherring's, ½ lb bts	lb	95
Salicylate, Scherring's, 1 lb bts	lb	85
Salicylate, Scherring's, ¼ lb bts	lb	1 10
Salicylate, Schering's, 1 oz c.v. in	oz	20
Salicylate, 1 lb cartons incl	lb	47
Salicylate, 1 oz cartons incl	oz	7
Santoninate, 1 oz c. v. 4	oz	60
Silicate, Dry, 1 lb c. b. 9	lb	20
Silicate, Liquid, 1 lb c. b. 8	lb	10
Succinate, 1 oz c. v 4	oz	22
Sulphate, Cryst. 1 lb cartons incl	lb	14
Sulphate, Gran'd, 1 lb cart. incl	lb	13
Sulphate, Dried, Pure, 1 lb c.b.9	lb	12
Sulphate, Dried, Coml, bulk	lb	05
Sulphide, Cryst. 1 lb. c.b.9	lb	40
Sulphite, 1 lb cartons incl	lb	10
Sulphite, Pure, Re-cryst	lb	25
Sulphite, Dried Pow'd., 1 lb cartons incl	lb	15
Sulphocarbolate, 1 lb c.b.9	lb	50
Sulphocarbolate, 1 oz cart. incl	oz	9
Sulphocarbolate, Pow'd, Pink, 1 lb c. b. 9	lb	55
Sulpho-Vinate, 1 oz c.v.4	oz	12
Tannate, 1 oz c. v. 4	oz	25
Tartrate, 1 lb c. b. 9	lb	55
Tungstate, Coml	lb	50
Tungstate, Pure, 1 lb c.b.8	lb	65
Tungstate, Pure, 1 oz c. v.4	lb	06
Valerianate, 1 oz g. s.v.7	oz	45

SORBULIN ..... oz 1 00

SOMATOSE

Biscuits, ½-lb. boxes	doz	4 00
2 oz tins	doz	8 25
¼ lb tins	lb	5 25
½ and 1 lb. tins	lb	5 00
Chocolate, ¼-lb. cakes	lb	85
Cocoa, ¼-lb. tins	lb	90

SPARTEINE.

Sulphate, 1 oz c. v. incl	oz	85
Sulphate, 15 gr. vials	each	12

SPERMACETI, in cakes ..... lb 28-33

SPIRIT.

Ammonia	lb	50
Ammonia, Aromatic	lb	52
Camphor	lb	75
Chloroform, U. S. P	lb	75
Lavender	lb	65
Lavender Compound	lb	70
Nitre, 3f	lb	35-40
Nitre, 4f	lb	40-45
Nitre, U. S. P	lb	52
Nitre, conc	lb	1 00
Nutmeg	lb	50
Pimento	lb	55
Rosemary	lb	65

SPUNK ..... lb 1 00

STARCH.

Corn, Oswego, 20 lb bxs, 1 lb pa	lb	08-10
Powd	lb	10-15
Silver Gloss, Kingsford's	lb	10-12

STARCH, IODIDE, 1 oz c. v. 4 ..... oz 28

STEARIN ..... lb 25

ST. JOHN'S BREAD ..... lb 06-10

STONE.

Pumice, select, lump	lb	10-15
Pumice, powd	lb	02-06
Rotten, English	lb	10
otten, English, powd	lb	08-10

STRONTIUM ACETATE.

1 oz c. v. 4	oz	10
Bromide, Crystal, c. v. 4	oz	8
Bromide, Crystal, c. b. 9	lb	65
Carbonate, 1 lb c. b. 9	lb	25
Carbonate, 1 lb boxes incl	lb	27
Hypophosphite, 1 oz c.v.4	oz	25
Iodide, 1 oz c. v. 4	oz	28
Lactate, 1 oz c. v. 4	oz	12
Muriate	lb	27
Nitrate	lb	15-20
Oxalate, 1 lb c.b.9	lb	60
Salicylate, 1 lb c.b.9	lb	75
Salicylate, 1 oz c.v.4	oz	9
Sulphate, 1 lb c.b.9	lb	25

STRYCHNINE.

Acetate	oz	1 65
Arsenate, ⅛ oz vials	oz	1 65
Bromide, ⅛ oz vials	oz	1 65
Citrate, ⅛ oz vials	oz	1 65
Crystals, ⅛ oz vials	oz	1 00
Crystals, 1 oz vials	oz	1 20
Hypophosphite, ⅛ oz vials	oz	1 90
Muriate, ⅛ oz vials	oz	1 65
Nitrate, ⅛ oz vials	oz	1 65
Phosphate, ⅛ oz vials	oz	1 75
Powd, ⅛ oz vials	oz	1 10
Powd, 1 oz vials	oz	90
Sulphate, ⅛ oz vials	oz	1 85
Sulphate, 1 oz vials	oz	1 15
Sulphate, powd, ⅛ oz vials	oz	1 20
Valerianate, ⅛ oz vials	oz	2 60

STYRAX, Calamita ..... lb 40-45

SUGAR.

Burnt	lb	20
Lead	lb	15-18

SUGAR MILK.

Powdered	lb	16-25

SULPHUR.

Chloride, Sol., 1 lb g.s.b.15	lb	75
Chloride, Sol., 1 oz g.s.v.7	oz	10
Flour Sulphur	lb	2½-05
Flowers	lb	2¾-05
Iodide, 1 oz g.s.v.7	oz	34
Lac, precipitate, pure	lb	16
Roll	lb	2½-05
Strips	lb	16
Washed	lb	12

SULPHONAL ..... oz 1 85

SVAPNIA, ½ oz ..... oz 3 25

SYMPHORAL ..... oz 1 80

SYRUP.

Bromide Iron	lb	76
Dovers Powder	lb	75
Garlic	lb	60
Ginger U. S. P	lb	50
Hydriodic Acid, 1 lb bots, incl	lb	85
Hypophosphites, 1lb bots, incl	lb	50
Iodide Calcium	lb	65
Iodide Iron	lb	40
Iodide Iron and Manganese, 1 lb incl	lb	70
Iodide Manganese, 1 lb bots, incl	lb	70
Ipecac	lb	85
Lactophosphate Lime, 1 lb bots, incl	lb	65
Lactucarium	lb	90
Orange Peel	lb	50
Phosphate Calcium, 1 lb bots. incl	lb	60
Phosphates, 1 lb bots incl	lb	50
Poppy	lb	60
Pyrophosphate Iron, 1 lb bots incl	lb	80
Rhubarb	lb	60
Rhubarb Aromatic	lb	50
Rhubarb and Potash	lb	50

SYRUP—Con'd.

Sarsaparilla	lb	50
Sarsaparilla, comp	lb	50
Senna	lb	50
Senega, U. S. P	lb	65
Simple	lb	15
Squill	lb	40
Squill, comp	lb	60
Stillingia	lb	50
Stillingia, comp	lb	50
Tolu	lb	50
White Pine Co., 1 lb bots incl	lb	50
Wild Cherry	lb	50
Yerba Santa Co., 1 lb bots incl	lb	60

SYRUP ROCK CANDY ..... gal 47-65

TALCUM.

Powd	lb	10
Purified	lb	15-20

TAMARINDS ..... lb 12

Pulp	lb	88

TANNIN ..... lb 80

1 oz cartons incl	oz	15

TANNIGEN, 1 oz carton 75

Tablets, 1 oz,		75
Tannaform	oz	50

TAPIOCA, East India ..... lb 10

TAR, Barbadoes ..... lb 20

Coal Tar	bbl	4 00
Pine Tar, 50 gal. Iron hooped barrel	gal	12½

	Seal Top.	Cork Top.
Pints, in barrels	gro. 6 85	8 75
Quarts, in barrels	gro. 11 60	14 40
Half-gallons, "	gro. 20 50	21 75
Gallons, in barrels	gro, 31 50	37 80
Pints, 4 doz. in case	case 2 60	3 00
Quarts, 2 doz. "	case 2 00	2 50
Half-gals. 1 dz. "	case 1 90	2 10
Gallons, ½ dz. "	case 1 40	1 75

TARTAR EMETIC.

1 lb cartons or boxes incl	lb	88

TEREBENE.

1 oz vials	oz	12
Bulk	lb	75

TERPINOL, oz vials ..... oz 47

TERRA ALBA ..... lb 05

THEINE, ⅛ oz vials ..... oz 60

THERAPINE ..... oz 1 00

Tablets	oz	1 00

THILANIN, 1 lb tins ..... lb 1 80

THIOL, Liquid ..... oz 40

Dry	oz	1 00

THIOFORM, 1 oz c. v. incl ..... oz 1 00

THYMOL.

1 lb c. b. 10	lb	2 45
1 oz c. v. 4	oz	20

TERPIN HYDRATE.

Crystals, 1 lb c. b. 10		55
1 oz c. v. incl	oz	8

TIN.

Foil, heavy	lb	25-35
Metallic, Feathered	lb	65
Muriate, cryst	lb	35
Muriate, sol	lb	20
Oxymuriate, sol	lb	28

TINCTURE.

Aconite Leaves	lb	60
Aconite Root	lb	60
Aloes	lb	60
Aloes and Myrrh	lb	85
Arnica Flowers	lb	50
Asafœtida	lb	50
Belladonna	lb	50
Benzoin	lb	65
Benzoin, comp	lb	65
Blood Root	lb	60
Buchu	lb	75
Cantnarides	lb	60
Capsicum	lb	60
Cardamon	lb	75
Cardamom, comp	lb	60
Catechu, comp	lb	70
Cinchona, comp	lb	60
Cinnamon	lb	60
Colchicum Root	lb	70
Colchicum Root, English	lb	1 40
Colchicum Seed	lb	1 00
Colchicum Seed, English	lb	1 40
Columbo	lb	50
Conium	lb	50
Cubebs	lb	70
Digitalis	lb	50
Ergot	lb	70
Ergot, ethereal	lb	80
Galls	lb	60
Gelsemium	lb	60
Gentian	lb	50
Gentian, comp	lb	50
Ginger	lb	50
Guaiac	lb	85
Guaiac, Ammon	lb	75
Guaiac, Dewees'	lb	60
Hyoscyamus	lb	50
Iodine	lb	1 00
Iodine, colorless	lb	1 00
Iodine, comp	lb	1 00
Iodine, Churchill's	lb	1 25
Ipecac	lb	1 25
Iron, acetate	lb	70
Iron, muriate	lb	40
Jalap	lb	70
Kino	lb	75
Lobelia	lb	50
Lobelia, ethereal	lb	75
Myrrh	lb	70
Myrrh and Capsicum	lb	60
Nux Vomica	lb	50
Opium	lb	1 20
Opium, ½ oz vials	doz	65
Opium, 1 oz vials	doz	1 00
Opium, 2 oz vials	doz	1 75
Opium, camphorated	lb	50
Opium, camphor. 1 oz v.	doz	60
Opium, camphor. 2 oz v.	doz	90
Opium, camphor. 4 oz v.	doz	1 75
Opium, deodorized	lb	1 25
Orange Peel	lb	50
Quassia	lb	45
Rhatany	lb	50
Red Sanders	lb	50
Rhubarb	lb	65
Rhubarb, aqueous	lb	60
Rhubarb, aromatic	lb	65
Rhubarb and Aloes	lb	60
Rhubarb and Senna	lb	60
Rhubarb, comp	lb	60
Rhubarb, sweet	lb	60
Senna	lb	50
Senna, comp	lb	55
Seraentaria	lb	50
Stramonium Leaves	lb	50
Stramonium Seed	lb	50
Tolu	lb	65
Valerian	lb	50
Veratrum Viride	lb	75
Valerian, ammoniated	lb	75
Warburg s	lb	1 20

TOLYPYRIN	oz	1 50
TOLYSAL	oz	1 50
TONIQUININ	per bot	1 00
TRIKRESOL	lb	80
TRIKRESOLIODIN	oz	1 00
TRIONAL	oz	1 50

TRIPOLI.

Mount Eagle	doz	60
Missouri	lb	1¼-05
Missouri	doz	50

TROPA-COCAINE, HYDROCHLORATE.

1 gramme vials	each	50
5 and 10 gr. vials	gr	4

TUBERCULIN.

Oakland Chemical Co.

4cc, 2 doses	1 00
7cc, 3 doses	1 50
10cc, 5 doses	2 25
20cc, 10 doses	4 00
40cc, 20 doses	7 00
100cc, 50 doses	16 50

TUBERCULIN, Dr. Koch, 5cc. bot. per cc 75

TUBERCULOCIDIN, Dr. Kleb, 5cc bots. per cc 1 75

TURPENTINE.

	gal	62-70
Chian	oz	50
Oil (Spirit), 50s	doz	60
Oil (Spirit), 30s	doz	75
Oil (Spirit), 20s	doz	1 25
Oil (Spirit), 16s	doz	1 50
Oil (Spirit), 8s	doz	2 00
Venice	lb	25
White	lb	12

UNGUENTINE lb 90

URANIUM.

Acetate, 1 oz g. s. v. 7	oz	50
Chloride, 1 oz g. s. v. 7	oz	35
Nitrate, 1 oz g. s. v. 7	oz	30
Oxide, c. v. 8	oz	30
Sulphate, 1 oz g. s. v. 7	oz	40

UROTROPINE, Schering, ½ oz 65
1 oz vials incl oz 60

VACCINE VIRUS.

Higgins' 10 point	pkg	50
Higgins' 10 tubes	pkg	75

VANILLIN, 1 oz vials oz 55-80

VERATRINE, pure, ⅛ oz c. v. in. oz 2 40

VERDIGRIS.

	lb	85
Powdered	lb	40

WATER.

Cherry Laurel	lb	35
Chlorine	lb	80
Distilled	gal	15
O. F., 1 gallon, coppers	gal	2 00
Orange Flower, triple	lb	80
Rose, triple	lb	80
Rose, 1 gallon, coppers	gal	2 00

WAX.

Bayberry	lb	37
Bees, yellow, refined	lb	42
Bees, yellow, refined, oz	lb	45
Bees, white, extra	lb	55
Bees, white, No. 1	lb	40
Floor, Dancing.		
Anderson's, powd, 1 lb	doz	3 60
Anderson's, powd, ½-lb	doz	1 80
Bowdlear's, powd, 1-lb only lb, 25 lbs, 35c; 10 lbs, 36c; 5 lbs, 38c; 1 lb		40
Johnson's, powd, 1-lb can	lb	30
Johnson's, powd, ½-lb can	lb	35
Johnson's, powd, ¼-lb can	lb	45
Merkel's, powd, 1-lb cans only lb, 50 lbs, 25c; 25 lbs, 27c; 10 lbs, 35c; 5 lbs, 32c; 1 lb,		35
Fruit Can, red	lb	1¾-05
Fruit Can, white	lb	1¾-05
Japan	lb	20

WHITE PRECIPITATE, lump, i. c. lb 1 15
Powdered lb 1 20

WHITING.

Gilder's	lb	1-08
Spanish	lb	90-03

WITCH HAZEL 62½-90

WINE.

Antimony	lb	50
Aromatic	lb	65
Colchicum Root	lb	60
Colchicum Root, English	lb	1 50
Colchicum Seed	lb	
Colchicum Seed, English	lb	1 50
Ergot	lb	90
Ipecac	lb	1 00

WOOD.

Brazil, ground	lb	06-10
Camwood	lb	10-15
Fustic, cut	lb	04-07
Fustic, ground	lb	05-08
Guaiac, rasped	lb	10-15
Hypernic	lb	06-08
Logwood, chip	lb	05-10
Logwood, ground	lb	05-10
Nic	lb	05-07
Quassia, chip	lb	10
Quassia, ground	lb	15
Quassia, powd	lb	20
Quercitron	lb	05
Red Sanders, ground	lb	12
Red, cut	lb	10
Spirit, Crystal	gal	1 50-1 75

ZINC, Metallic.

C. P. in sticks	lb	40
Pure Feathered	lb	25
Acetate, 1 lb c. b 13	lb	24
Acetate, 1 lb ctns or bxs in	lb	26
Benzoate, 1 oz c. v. 4	oz	20
Borate, 1 oz c. v. 4	oz	20
Bromide, 1 oz g. s. v. 7	oz	10
Carbolate, 1 oz c. v. 4	oz	20
Carb., Prec. Pure, 1 lb c. b. 12	lb	28
Carb., 1 lb cart. or bxs. incl.	lb	25
Chlor., Fused, 1 lb g. s. b. 14	lb	30
Chlor., Fused, 1 oz g. s. v. 7	oz	06
Chlor, Gran'd, 1 lb g. s. b. 14	lb	30
Chlor., Gran'd, 1 oz g. s. v. 7	oz	06
Chlor., Sol'n. Med. 1 lb g. s. b. 14	lb	19
Chlor., Sol'n, Com, 1 lb g. s. b. 14	lb	12
Cyanide, 1 oz c. v. 4	oz	20
Cyanide & Mer., 1 oz c. v. 4	oz	50
Ferrocyanide, 1 oz c. v. 4	oz	20
Iodide, 1 oz g. s. v. 7	oz	85
Lactate, 1 oz c. v. 4	oz	17
Nitate, 1 lb c. b. 9	oz	1 00
Oxide, Chem. Pure, 1 lb ctns incl	lb	80
Oxide, White, com'l	lb	10
Permanganate, 1 oz c. v. 4	oz	45
Phosphate, 1 oz cartons incl	oz	10
Phosphate, 1 lb cartons incl	lb	82
Phosphid, oz g. s. v. 7	oz	16
Salicylate, oz c. v. 4	oz	15
Sulphate, C. P. Cryst, lb ctns. incl	lb	15
Sulphate, Coml	lb	10
Sulphide, 1 oz c. v. 4	oz	12
Sulphite, 1 oz c. v. 4	oz	15
Sulphocarbolate, 1 lb c. b. 9	lb	50
Sulphocarbolate, 1 lb cts incl.	lb	52
Sulphocarbolate	oz	09
Tannate, 1 oz c. v. 4	oz	20
Valerianate, 1 oz c. v. 5	oz	15

ZOMAKYNE.

1 oz cans	oz	40
4 oz cans	can	1 00

DRUGGISTS' GLASSWARE.

STANDARD SHELFWARE.

The uniformity in size and height, its extra weight and strength, smooth finish, handsome design and brilliant appearance, render this far superior to any ware on the market at the price.

TINCTURES.

	1 gal	½ gal	1 qt	1 pt
doz.	6 00	4 00	2 25	2 00
	½ pt	¼ pt	2 oz	1 oz
doz.	1 75	1 50	1 25	1 00

SALT MOUTHS.

	1 gal	½ gal	1 qt	1 pt
doz.	8 00	5 00	3 25	2 50
	½ pt	¼ pt	2 oz	1 oz
doz.	2 25	1 75	1 50	1 25

SYRUPS—Loose Stoppers.

	½ gal	1 qt	1 pt
doz	5 00	3 25	2 50

ETHER BOTTLES.

	½ gal	1 qt	1 pt	½ pt
doz	26 50	19 50	13 50	11 00

AMERICAN OILS OR BALSAMS.

With Glass Cap.

	½ gal	1 qt	1 pt
doz	7 50	5 00	4 00

ENGLISH OILS.

	½ gal	1 qt	1 pt
doz	24 00	18 00	12 00

Discount 40 %

XXX CROWN CUT WARE.

In the above we offer, at medium prices, a highly attractive and very popular ware. It is made of the best Crown Glass, is very uniform and strong, with cut stoppers and punted bottoms.

TINCTURES.

	2 gal	1 gal	½ gal	1 qt
doz	60 00	24 00	12 00	7 50
	1 pt	8 oz	4 oz	2 oz
doz..	6 00	5 25	4 50	3 40

SALT MOUTHS.

	2 gal	1 gal	½ gal	1 qt
doz..	72 00	27 00	15 00	9 75
	1 pt	8 oz	4 oz	2 oz
doz..	7 50	6 75	6 00	4 50

SYRUP.

	½ gal	1 qt	1 pt
doz	18 00	12 00	75

OIL OR BALSAM.

	½ gal	1 qt	1 pt
doz	27 00	18 00	15 00

Discount 50%.

COLUMBIAN SHELFWARE.

TINCTURES.

	1 gal	½ gal	1 qt	1 pt	½ pt
doz	6 00	4 00	2 25	2 00	1 75

SALT MOUTHS.

	1 gal	½ gal	1 qt	1 pt	½ pt
doz	8 00	5 00	3 25	2 50	2 25

Discount 33⅓%

CONGRESS SQUARE WARE.

TINCTURES.

	½ gal	1 qt	1 pt	½ pt
doz	4 00	2 25	2 00	1 75

SALT MOUTHS.

	½ gal	1 qt	1 pt	½ pt
doz	5 00	3 25	2 50	2 00

Discount 40%.

DIAMOND CUT WARE.

STOPPERS RICHLY CUT.

This ware, the product of the largest and most reliable cut-glass manufacturer in this country, is offered to all who wish to make their stores highly attractive. The prismatic colors produced by the richly cut stoppers combined with the high polish of the bottle lend very pleasing effects. Every bottle is perfect in form, make and finish and is of extra weight and quality.

TINCTURES.

	½ gal	1 qt	1 pt	8 oz
doz	22 50	15 00	12 50	11 00

SALT MOUTHS.

	½ gal	1 qt	1 pt	8 oz
doz	26 50	20 00	15 00	13 50

Discount 50 %.

Stopper and neck polished, $1.50 doz. net extra.

BLUE AND AMBER WARE.

TINCTURES.

	½ gal	1 qt	1 pt
doz	9 60	5 40	4 80

SALT MOUTHS.

	½ gal	1 qt	1 pt
doz	12 00	7 80	6 00

Discount 50%

IMITATION CUT WARE.

TINCTURES.

	1 gal	½ gal	1 qt	1 pt	8 oz	4 oz
doz	9 60	6 40	3 60	3 20	2 80	2 40

SALT MOUTHS.

	1 gal	½ gal	1 qt	1 pt	8 oz	4 oz
doz	12 80	8 00	5 20	4 00	3 60	2 80

For Syrups take Salt Mouth list. For American Oils add 50 per cent to Salt Mouth list.

Discount 50 %.

DIAMOND CRYSTAL CUT WARE.

POLISHED NECKS AND STOPPERS. BOTTOMS, SHOULDERS AND STOPPERS RICHLY CUT.

This line of shelfware is made especially for, and is the finest ever offered to, the Drug Trade; each bottle is guaranteed perfect in form and finish and of extra weight and quality. The cutting is of the best grade and is made with a view to facilitate the cleaning of the ware and increasing its attractiveness.

TINCTURES.

	½ gal	1 qt	1 pt	½ pt
doz	36 00	24 00	20 00	16 00

SALT MOUTHS.

	½ gal	1 qt	1 pt	½ pt
doz	40 00	29 50	28 00	20 00

Discount 50%.

FLINT GLASSWARE.

Discount on original packages 75%
Less than original packages 70%

ROUND SHOULDER PRESCRIPTIONS.

		N. M.	W. M.
¼ oz, 5	gro bxs...gro	6 00	6 25
½ oz, 5	gro bxs...gro	6 00	6 25
1 oz, 5	gro bxs...gro	6 25	6 50
2 oz, 3	gro bxs...gro	7 00	7 25
3 oz, 2	gro bxs...gro	8 75	9 00
4 oz, 2	gro bxs...gro	10 00	10 50
6 oz, 1	gro bxs...gro	11 25	11 75
8 oz, 1	gro bxs...gro	13 25	13 75
10 oz, 1	gro bxs...gro	15 75	16 25
12 oz, ½	gro bxs...gro	16 75	17 25
16 oz, ½	gro bxs...gro	18 75	19 75
32 oz, ¼	gro bxs...gro	28 00	29 00
Astd, 1 to 8 oz.	..gro	10 25	11 25

FRENCH SQ TIMORE, OVALS.

¼ oz, 6	gro bxs.....gro	6 00
½ oz, 6	gro bxs.....gro	6 00
1 oz, 6	gro bxs.....gro	6 25
2 oz, 5	gro bxs.....gro	7 00
3 oz, 4	gro bxs.....gro	8 75
4 oz, 3	gro bxs.....gro	10 25
6 oz, 2½	gro bxs.....gro	12 25
7 oz, 2	gro bxs.....gro	12 75
8 oz, 2	gro bxs.....gro	14 00
10 oz, 1½	gro bxs.....gro	16 50
12 oz, 1½	gro bxs.....gro	18 00
14 oz, 1	gro bxs.....gro	18 75
16 oz, 1	gro bxs.....gro	20 25
28 oz, ⅔	gro bxs.....gro	29 25
32 oz, ⅔	gro bxs .....gro	30 75
Astd, ½ to 8 oz, 1 gro bxs..gro		10 50

PLAIN SQUARE OR SQUAT BLAKES.

		N. M.	W. M.
¼ oz, 6	gro bxs..gro	6 25	6 50
1 oz, 6	gro bxs. gro	6 50	6 75
2 oz, 5	gro bxs..gro	8 00	8 25
3 oz, 4	gro bxs..gro	9 50	9 75
4 oz, 3	gro bxs..gro	11 00	11 50
6 oz, 2½	gro bxs..gro	13 00	13 50
8 oz, 2	gro bxs..gro	15 00	15 50
12 oz, 1½	gro bxs..gro	19 00	20 00
16 oz, 1	gro bxs..gro	22 75	23 75
32 oz, ⅔	gro bxs. gro	34 00	35 00
Astd, 1	gro bxs..gro	11 00	12 00

ACME OVALS AND SQUARES, TALL BLAKES. REX, BANNER, MATCHLESS AND USONA OVALS.

Discount, 75%; less than full case, 70%

		N. M.
¼ oz 6	gro bxs.....gro	6 25
½ oz 6	gro bxs .....gro	6 25
1 oz 6	gro bxs..... ..gro	6 50
2 oz 5	gro bxs.....gro	7 50
3 oz 4	gro bxs.....gro	9 00
4 oz 3	gro bxs.....gro	10 50
6 oz 2½	gro bxs.....gro	12 50
7 oz 2	gro bxs .....gro	13 00
8 oz 2	gro bxs.....gro	14 25
10 oz 1½	gro bxs.....gro	16 75
12 oz 1½	gro bxs.....gro	18 25
14 oz 1	gro bxs.....gro	19 00
16 oz 1	gro bxs.....gro	21 50
28 oz ⅔	gro bxs.....gro	31 00
32 oz ⅔	gro bxs.....gro	34 00
Assorted ½ to 8 oz 1 gro bxs	.....gro	11 00

WHISKEY OVALS.

Discount, 75 and 10%.

7 oz 2	gro bxs.....gro	12 75
8 oz 2	gro bxs.....gro	14 00
14 oz 1	gro bxs.....gro	18 75
16 oz 1	gro bxs.....gro	20 25
28 oz ⅔	gro. bxs.....gro	29 25
32 oz ⅔	gro bxs.....gro	30 75

DRUGGISTS' PACKING BOTTLES.

Discount, 75%

½ pt 2	gro bxs N. M.....gro	14 00
1 pt 1	gro bxs N. M.....gro	18 75
1 qt ⅔	gro bxs N. M.....gro	28 00
½ gal ⅓	gro bxs N. M.....gro	48 00
5-pt ⅓	gro bxs N. M.....gro	65 25
1 gal ¼	gro bxs N. M.....gro	82 75

BALL NECK PANELS.

Discount, 75%
Full Capacity.

½ oz 6	gro bxs.....gro	6 75
¾ oz 6	gro bxs.....gro	7 50
1 oz 6	gro bxs.....gro	8 00
1¼ oz 5	gro bxs.....gro	8 75
1½ oz 5	gro bxs.....gro	9 50
1¾ oz 5	gro bxs .....gro	10 00
2 oz 5	gro bxs .....gro	10 25
2½ oz 4	gro bxs..... ...gro	10 75
3 oz 3	gro bxs.....gro	11 50
3½ oz 3	gro bxs.....gro	12 25
4 oz 3	gro bxs ..... gro	13 25
5 oz 2	gro bxs.....gro	15 00
6 oz 2	gro bxs.....gro	16 75
8 oz 1¼	gro bxs. ....gro	20 50
10 oz 1	gro bxs.....gro	23 25
12 oz 1	gro bxs..... ...gro	25 25
16 oz 5-6	gro bxs.....gro	31 00

PANEL OILS.

Long neck. Three sides Paneled.

1 oz.,	¾ oz. cap, 6 gro. bxs..gro	7 50
2 oz.,	1¼ oz. cap, 5 gro. bxs..gro	8 75
2 oz.,	2 oz. cap, 5 gro. bxs..gro	10 25
3 oz.,	2¾ oz. cap, 3 gro. bxs..gro	11 50
4 oz.,	3½ oz. cap, 3 gro. bxs..gro	12 25
6 oz.,	5 oz. cap, 2 gro bxs..gro	15 00
8 oz.,	7 oz. cap, 1½ gro. bxs.gro	18 25
16 oz.,	14 oz. cap, 5-6 gro. bxs.gro	31 00

COD LIVER OILS.

16 oz. full measure, ½ gro bxs. .....gro 31 00

MORPHINES AND POMADES.

½ oz round, 6 gro bxs.....gro	6 25
1 oz round, 6 gro bxs.....gro	6 50
2 oz round, 5 gro bxs.....gro	7 50
3 oz round, 4 gro bxs.....gro	9 00
4 oz round, 3 gro bxs.....gro	10 50
1½ oz pomade, oval 3 gro bxs. .....gro	7 00

CARMINE INKS.

½ oz 5 gro bxs.....gro	6 00
1 oz 5 gro bxs.....gro	7 25
1½ oz 3 gro bxs.....gro	8 25
2 oz 3 gro bxs.....gro	8 75
4 oz 2 gro bxs.....gro	10 25

MISCELLANEOUS.

Citrate Magnesia, 12 oz .....gro	$19 50
Chloroform, 12 oz, ½ gro bxs gro	22 00
Mucilage, cone, 2 oz, 3 gro bxs .....gro	8 50
Mucilage, 3 oz, 2 gro bxs...gro	9 25
Mucilage, 4 oz, 2 gro bxs ...gro	10 25
Glycerine, 12 oz, or 1 lb, 1 gro .....gro	21 50
Citrate Magnesia with patent stoppers attached...net, gro	8 50
Citrate Magnesia with patent porcelain stoppers attached, ...net, gro	9 50

BRANDIES and WINES.

8 to gal, 1 gross boxes.....gro	21 50
6 to gal, 1 gross boxes.....gro	27 50
5 to gal, 1 gross boxes.....gro	30 25
4 to gal, 1 gross boxes.....gro	33 50

FLASKS, Short Measure.

Shoo-Fly, Jo-Jo and Picnic. Discount, 85 and 10%.

¼ pints, 1 gro boxes.....gro	13 25
½ pints, 1 gro boxes.....gro	15 00
1 pint, 1 gro boxes.....gro	22 75
quart, ½ gro boxes.....gro	35 00

Full Measure.

½ pint, 1 gro boxes..... gro	17 00
1 pint, 1 gro boxes.....gro	25 00
quart, ½ gro boxes.....gro	39 00

HOMOEPATHIC VIALS.

Net prices, packed in boxes of 1 gross.

	Long.	Short.
⅛ drachm.....gro	$ 60	$
¼ drachm.....gro	60	
½ drachm.....gro	60	60
1 drachm.....gro	65	65
1½ drachm.....gro	75	75
2 drachm.....gro	75	75
3 drachm.....gro	1 00	1 00
4 drachm.....gro	1 50	1 50
6 drachm.....gro	2 00	2 00
8 drachm.....gro	2 50	2 50

AMBER GLASSWARE.

BRANDY OR WINE BOTTLES. 1 gro boxes.

Discount on original packages, 75 & 5%, less quantity, 70 & 10%.

4 to gal.....gro	36 25
5 to gal.....gro	33 50
6 to gal.....gro	28 00
7 to gal.....gro	25 00
8 to gal.....gro	20 25

SCHNAPPS OR BITTER BOTTLES. 1 gross boxes.

quarts.....gro	36 25
5 to gal.....gro	33 50
6 to gal.....gro	28 00
pints.....gro	20 25

GREEN GLASSWARE.

Discount on original packages, 75%, less quantity, 70%.

DRUGGISTS' PACKING BOTTLES.

	N. M.	W. M.
¼ pt 1 gro bxs ....gro	14 00	14 50
1 pt ½ gro bxs ....gro	18 75	19 75
1 qt ½ gro bxs ....gro	28 00	29 00
½ gal ½ gro bxs ..gro	48 00	49 00
1 gal 1 doz bxs ....gro	75 75	76 75
2 gal ½ doz bx....gro	200 00	205 00

DIXIE PANELS. Four sides paneled.

1¼ oz 1 oz cap 6 gro bxs.gro	8 00
2 oz 1½ oz cap 5 gro bxs.gro	9 50
3 oz 2¼ oz cap 4 gro bxs.gro	10 50
4 oz 3 oz cap 3 gro bxs.gro	12 25
6 oz 4 oz cap 3 gro bxs.gro	13 25
8 oz 6 oz cap 2 gro bxs.gro	16 75
10 oz 8 oz cap 1½ gro bxs.gro	20 50
16 oz 12 oz cap 1 gro bxs.gro	26 00
24 oz 16 oz cap 5-6 gro bxs.gro	32 50

LONG NECK PANELS.

Paneled on three sides, one plain side. Holding quantity named.

¾ oz 5 gro bxs.....gro	7 50
1½ oz 3 gro bxs .....gro	9 50
2½ oz 2 gro bxs .....gro	10 75
4 oz 2 gro bxs .....gro	13 25

LONG NECK PANELS—Con'd.

5 oz 2 gro bxs .. ..gro	15 00
7 oz 1½ gro bxs .....gro	18 25
11 oz 1 gro bxs .....gro	24 75
14 oz 1 gro bxs .....gro	28 25

LONG AND SHORT NECK OVAL, OR BLUING.

1 oz 5 gro bxs.....gro	6 50
2 oz 3 gro bxs.....gro	7 75
3 oz 2 gro bxs.....gro	9 00
4 oz 2 gro bxs.....gro	10 50
6 oz 1 gro bxs .....gro	11 75
8 oz 1 gro bxs.....gro	13 50
12 oz 1 gro bxs.....gro	17 75
16 oz 1 gro bxs.....gro	18 75

CASTOR OIL BOTTLES.

Round.

20 oz 5-6 gro bxs.....gro	$23 00
16 oz 1 gro bxs.....gro	18 75
12 oz 1½ gro bxs.....gro	17 75
10 oz 1½ gro bxs .....gro	15 75
8 oz 1½ gro bxs.....gro	14 25
6 oz 2 gro bxs.....gro	11 75
5 oz 3 gro bxs... .....gro	11 00
4 oz 3 gro bxs.....gro	10 50
3 oz 4 gro bxs.....gro	9 00
2½ oz 4 gro bxs..... ..gro	8 25
2 oz 5 gro bxs.....gro	7 75
1 oz 6 gro bxs.....gro	6 50

ACID BOTTLES.

With Ground Glass Stoppers.

¼ pt ½ gro bxs .....gro	$32 00
½ pt ½ gro bxs .....gro	36 00
12 oz ½ gro bxs .....gro	40 00
1 pt ½ gro bxs .....gro	42 00
20 oz ½ gro bxs .....gro	48 00
Qt ½ gro bxs .....gro	55 00
½ gal ½ gro bxs .....gro	85 00
5 pt ½ gro bxs .....gro	100 00
1 gal 1 doz bxs .....gro	115 00

COMMON LONG OR PEDDLERS' VIALS.

¼ oz narrow mouths, 5 gro bxs, ...gro	$6 00
1 oz narrow mouths, 5 gro bxs, ...gro	6 25
2 oz narrow mouths, 5 gro bxs, ...gro	7 00
4 oz narrow mouths, 2 gro bxs, ...gro	10 00

PATENT MEDICINE VIALS, ETC.

Bateman's 5 gro boxes.....gro	$6 25
British Oils, 5 gro boxes.....gro	7 00
Godfrey's Cordial, 5 gro bxs.gro	7 00
Genuine Essence, 5 gro bxs.gro	6 75
Nerve and Bone Liniment, 5 gro boxes.....gro	7 00
Opodeldoc Liquid, 3 gro bxs.gro	7 00
Opodeldoc Solid, 3 gro bxs.gro	8 00
Peppermint, 5 gro boxes...gro	6 25
Turlington's, 5 gro boxes...gro	6 25

Bickmore's Gall Cure

The most reliable and best selling cure for HURTS and SORES on animals. Write for Samples and Trial Offer.

BICKMORE GALL CURE CO.,
Box 1000. Old Town, Maine.

The "PARISIAN"
LADIES' SYRINGE.
Send for Descriptive Circular.
Price, $16.50 per dozen.
DAY RUBBER CO., St. Louis, Mo.

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HIGHLAND PARK COLLEGE OF PHARMACY, Des Moines, Ia.

WINES AND LIQUORS.

BRANDY—GRAPE.

California San Diego	gal	2 05-2 50
California Santa Rita	gal	2 25-2 90
California Senate	gal	2 85-3 40
Cognac, 100°	gal	2 00-2 60
Cognac, 90°	gal	1 85-2 45
Cognac, 80°	gal	1 70-2 25
Cognac, Renny Martin	gal	5 85-6 50

BRANDY—FRUIT.

Apple, Tenn	gal	2 85-2 85
Apple, Standard	gal	2 10-2 70
Blackberry, Schafer's	gal	2 10-2 70
Blackberry, Monarch	gal	1 05-1 60
Blackberry, Climax	gal	75-1 15
Peach, Delaware	gal	2 80-3 40
Peach, Standard	gal	2 30-2 95

GIN, Rye, Malt, 100° gal 2 05-2 50
Rye, Malt, 90° gal 1 85-2 35
Imp. Crown, 100° gal 2 05-2 45
Imp. Crown, 90° gal 1 80-2 25
Crown Royal, 85° gal 1 70-2 25
Crown Royal, 75° gal 1 60-2 15
Old Tom, 90° gal 1 65-2 20
Old Tom, 70° gal 1 45-2 00
Comet, Holland, Imp. gal 3 90-4 80

RUM, New Eng. gal 2 05-2 65
Imp. Jam. Old London Dock gal 4 70-5 10
Imp. Jam. Standard gal 3 60-4 40

WHISKEY, Bourbons, Astor, '91 gal 3 30-3 85
Old Taylor, Spg. '01 gal 2 85-3 10
Seal Ky., Spg. '00 gal 2 20-2 80
Belle of Anderson, Spg. '01 gal 2 20-2 85
Hume, Spg. '00 gal 2 20-2 65
Richwood, Spg. '01 gal 2 15-2 65
Fern Glen, Spg. '01 gal 2 00-2 40
Fern Glen, 95° gal 1 85-2 25
Glenarm, Spg. '01 gal 2 00-2 55
T. F. M., 95° gal 1 95-2 50
Meadow Brook gal 1 85-2 25
M. B. Club gal 1 85-2 25

WHISKEY—RYES.

Belle of Anderson, Spg. '01 gal 2 20-2 95
Susquehanna, Spg. '00 gal 2 45-3 10

WHISKEY—BOURBON BLENDS.

Lexington Club gal 2 00-2 40
Elwood gal 1 80-2 20

WHISKEY—RYE BLENDS.

Glenannan Malt gal 2 15-2 40
Keystone gal 2 05-2 80
Fenton gal 2 45-2 70
Coon Creek gal 2 25-2 50
Rocky Run gal 2 05-2 30
Green Forest gal 1 85-2 10
Lynn Cliff gal 1 75-2 00
Old Orthodox gal 1 65-1 90

WINES.

Angelica, Santa Rita "F" gal 78-1 25
Catawba, Dry gal 78-1 25
Catawba, Sweet gal 75-1 25
Madeira, Santa Rita, "F," gal 75-1 25
Madeira, Imp. gal 3 50
Muscatel, Santa Rita "F." gal 78-1 25
Port, Santa Rita "V. S. F." gal 1 45-2 00
Port, Santa Rita, "S. F." gal 1 05-1 60
Port, Santa Rita, "F" gal 78-1 25
Port, Oporto, Old Table, gal 3 10-3 55
Port, Oporto, Fine Old gal 2 70-3 15
Port, Oporto, Pure Juice, gal 2 50-3 00
Sherry, Santa Rita, "V. S. F." gal 1 45-2 00
Sherry, Santa Rita, "S. F." gal 1 05-1 60
Sherry, Santa Rita, "F" gal 78-1 25
Sherry, Imp. Royal Arms, gal 3 10-3 60
Sherry, Imp. Solera gal 2 80-3 25
Sherry, Imp. Old Table gal 2 25-2 70
Tokay, Santa Rita, "F." gal 85-1 55
Tokay Hammondsport gal 1 40-1 75

	Per case 1 doz. qts.	Per case 2 doz. pts.	Per case 4 doz. ½ pts.
BRANDIES IN BOTTLES.			
Apple, Tenn., 5s, 10s, 20s	7 75	8 75	9 75
Blackberry, Monarch, 5s, 10s 20s.	5 75	6 75	7 75
Blackberry, Climax 5s, 10s, 20s	4 75	5 75	6 75
Senate, V. S. F., 5s, 10s	12 25	13 25	....
Senate, S. F., 5s, 10s,	10 25	11 25	....
Cognac, Hennessy, 6s	18 50	....	....
Peach, Delaware, 5s, 10s, 20s	9 00	10 00	11 00
GINS IN BOTTLES,			
Comet (imported) M. B., 5s, 10s	12 75	13 75	....
Red Seal (domestic) M. B., 5s	5 75	....	....
RUMS IN BOTTLES.			
Jamaica (Old London Dock), 5s, 10s, 20s	10 00	11 00	12 00
New England, M. B., 5s, 10s, 20s	7 25	8 25	9 25
WHISKIES, M. B.	1 doz. case.	2 doz. case.	4 doz case.
PRIVATE STOCK			
4s, d johns	12 25	....	....
8s, d johns	....	15 25	....
5s, bottled	10 25	....	....
10s, bottles	....	11 25	....
EUREKA CABINET.			
5s	9 25	....	....
10s	....	10 25	....
OLD ALLEGHANY RYE.			
4s	8 50	....	....
8s	....	9 50	....
16s	....	....	10 50
SEAL OF KENTUCKY.			
5s	8 75	....	....
10s	....	9 75	....
OLD OAKDALE BOURBON.			
4s	8 25	....	....
8s	....	9 25	....
T. F. M. WHISKEY.			
4s	7 75	....	....
8s	....	8 75	....
FINE OLD BOURBON.			
5s	7 25	....	....
10s	....	8 25	....
FINE OLD RYE—5s	7 25	....	....
10s	....	8 25	....
SUNRISE BOURBON.			
5s	7 00	....	....
10s	....	8 00	....
20s	....	....	9 00
GOLDEN EAGLE.			
5s	6 75	....	....
10s	....	7 75	....
20s	....	....	8 75
KEYSTONE RYE OR LEXINGTON CLUB BOURBON.			
6 doz. full qts			42 00
10 doz full pts			40 00
15 doz. ½ pts			34 00
ELKHORN'S (private stock) screw cap ovals, 50 16-oz. bots			22 00
50 8-oz. bots			12 00
SEAL OF KENTUCKY.			
50 16-oz. bots			18 00
50 8-oz. bots			10 00
OAKVALE, 50 16-oz. bots			16 00
50 8-oz. bots			8 50

	1 doz. qts.	2 doz. pts.
FENTON	9 25	10 25
COON CREEK, 5 and 10 to gal	7 75	8 75
ROCKY RUN, 5 and 10 to gal	7 25	8 25
GREEN FOREST, full measure	7 75	8 75
LYNNCLIFF, 5 and 10	6 75	7 75
MALT.	Qts. per case. 1 doz.	Pts. per case. 2 doz.
GLENANNAN. M. B. bot	6 50	....
Meredith's Pure	8 50	9 50
Popcorn	9 50	....
RYE—HUNTER'S.	12 00	....
MEREDITH'S DIAMOND CLUB	10 50	11 00

BOURBON—BOTTLED IN BOND.

	Qts. per doz.	5s per doz.	Pts. per 2 doz.	½ pts. per 4 doz.
Arms of Kentucky	10 25	9 25	11 50	13 00
Old Crow	....	12 00	13 00	15 50
Hermitage	....	12 00	13 00	15 50
RYE—				
Clark's Pure	11 00	9 50	12 00	13 00
Hermitage	....	12 00	13 00	15 50
Overholt	11 00	....	11 50	12 00

	Case 1 doz. qts.	Case 2 doz. pts.
WINE, RED—Black Pearl	6 25	7 25
Burgundy Cabinet	4 75	5 75
Cabernet Malbec	4 75	5 75
Claret	3 75	4 75
Claret, Cabinet	4 25	5 25
Concord	3 25	4 25
Concord, Premium	3 75	4 75
Virginia Seedling	4 75	5 75
Virginia Seedling	5 25	6 25
Zinfandel	4 25	5 25
WINE, WHITE.		
Catawba, Premium	3 75	4 75
Delaware Cabinet	4 50	5 50
Goethe, Auslese	4 50	5 50
Gutedel	4 25	5 25
Gutedel, Cabinet	4 75	5 75
Riesling, Cabinet	4 25	5 25
Rulander	6 25	7 25
Traumier	4 75	5 75
WINE—		
Angelica, Santa Rita	3 75	4 75
Catawba (Ohio) Sweet	3 75	4 75
Catawba (Ohio) Dry	3 75	4 75
Madeira, Santa Rita	3 75	4 75
Muscatel, Santa Rita	3 75	4 75
Port, Santa Rita, "F"	3 75	4 75
Port, Santa Rita, "S. F."	4 75	5 75
Port, Santa Rita, "V. S. F."	5 75	6 75
Sherry, Santa Rita, "F."	3 75	4 75
Sherry, Santa Rita, "S. F."	4 75	5 75
Sherry, Santa Rita, "V. S. F."	5 75	6 75
Tokay, Santa Rita	4 25	5 25
Tokay, Hammondsport	6 25	....
IMPORTED.		
Madeira, Very Old, M. B.	10 00	11 00
Port, Oporto, M. B.	7 75	8 75
Sherry, Solera, M. B.	7 75	8 75

BOTTLED BEER—ANHEUSER-BUSCH.

	Bbl. Qts (6 doz.)	Bbl. Pts (10 doz.)
Anheuser	$9 25	$ 9 75
Budweiser	9 75	10 25
Premium Pale	9 25	9 75
Pale Lager	9 25	9 75
Faust	9 75	10 25
Exquisite	10 25	10 75
Muenchener	9 75	10 25
Black and Tan	....	9 75

OILS, PAINTS AND VARNISHES.

PAINTS, ETC.

HEAVY OILS.

OILS—Castor,

No. 1	bbls	84	½ bbls	86
No. 1, cases, 2-5s		88	gal	1 00
No. 3	bbls	80	½ bbls	82
No. 3, cases, 2-5s		94	gal	95
Spec'l coml	bbls	50	½ bbls	53
			gal	65

Coal, 150° prime white	gal	13¼
150° water white	gal	14¼
175° headlight	gal	15¼
Eupion	gal	16¼
Elaine	gal	17¼

Cottonseed,				
White, winter	bbls	45	gal	54-60
Yellow, winter	bbls	44	gal	53-59
White, summer	bbls	36	gal	52-58
Yellow, summer	bbls	36	gal	51-57
Yel. globe, salad	bbls	45	gal	54-60
Fish, Bank or Straits, No. 2,				
	bbls	28	gal	40-44
Pure	bbls	34	gal	41-45
Lard, Winter,				
strained, prime	bbls	59	gal	80-85
No. 1, str'd, prime	bbls	47	gal	65-70
Linseed—Market price.				
raw	bbls	42	½ bbls 47 gal	60
boiled	bbls	43	½ bbls 48 gal	61
Lubricating,				
W. Va., zero	bbls	12		
W. Va., 15°	bbls	11		
W. Va., summer	bbls	10		
Machine, castor,				
ex	bbls	21	½ bbls 24 gal	28-40
Cyli'dr	bbls	42	½ bbls 45 gal	60
Golden,				
ex	bbls	18	½ bbls 18 gal	35
No 1	bbls	17	½ bbls 17 gal	34
Miners', winter, wh	bbls	47	gal	55-60
summer, white	bbls	46	gal	51-56
Neatsfoot,				
pure	bbls	63	½ bbls 66 gal	75-85
Par'ffine	bbls	17	½ bbls 16 gal	30
Spindle	bbls	40	½ bbls 43 gal	48
Signal	bbls	50	½ bbls 53 gal	60-65
Sperm,				
W. B.	bbls	72	½ bbls 77 gal	90
Sper'll'e	bbls	35	½ bbls 37 gal	50-52
Whale	bbls	57	½ bbls 61 gal	70-80
Wool	bbls	35	½ bbls 37 gal	40

TURPENTINE.

Spirits ..... gal Market price.

BENZINE.

68°	gal	Market Price.
74°	gal	

PINE TAR.

			Seal Top	Cork or Screw Top
Pts, packed in bbls.	gro	6 85		8 75
Qts, " "	gro	11 60		15 00
½ gal " "	gro	20 60		28 75
1 gal " "	gro	31 50		43 00
Pints, 4 doz cases	case	2 60		3 10
Qts 2 "	case	2 00		2 55
½ gals 1 "	case	1 90		2 35
Gals ½ "	case	1 40		2 00

WHITE LEAD, LITHARGE, ETC.

White Lead. Market price.

Southern Co.'s S. P. Lead, kegs	
Collier Co.'s " " "	
St. Louis Co.'s Red Seal Brand S. P. Lead, kegs	
Carter Co.'s S. P. Lead, kegs	
Red Lead, kegs	
Dry White Lead, kegs	
Litharge, kegs	
Lead in 25 lb tin pails, ½c.	12½ lb
tin pails	01
1, 2, 3, 5 lb, and assorted 1½c per lb. over	keg price.

PAINTS, ETC.—Con'd.

PACIFIC PURE WHITE LEAD.

Ground in Pure Bleached Linseed Oil.

Pacific Pure White Lead has been sold with unvarying success for the last six years. It is superior to Corroders brands in many respects, and is guaranteed to give satisfaction. Put up in 12½, 25, 50, 100 and 250 lb kegs.

Per 100 lbs 05¾

In lots of 500 lbs., any assortment.

SPECIAL BRANDS OF WHITE LEAD.

Planters', in kegs	lb	04½
Red Star, in kegs	lb	03½
XXX Lead, in kegs	lb	03½

AMERICAN WHITE LEAD IN CANS.

Assorted, 1 to 5 lb cans	lb	05
1 lb cans	lb	05½
2 lb cans	lb	05
3 lb cans	lb	05
5 lb cans	lb	05

CROWN STRICTLY PURE LEAD AND ZINC IN OIL.

Lead and Zinc in kegs ..... @ 05¾

These goods are manufactured from strictly pure dry white lead and oxide of zinc, and are ground in refined linseed oil. We guarantee our Lead and Zinc to give perfect satisfaction.

ZINC GROUND IN OIL.

		12½ lb cans	25 lb cans
V. M. Green Seal, gen.	lb	11½	11
V. M. Red Seal	" lb	10½	10
Special Red Seal	lb	07	06½
Special Green Seal	lb	08¼	08
Genuine Imp V. M. Co.'s Green Seal Zinc, ground in Poppy Seed Oil, 28 lb square zinc cans	lb		15
Pure V. M. Zinc in oil, 1 to 5 lb cans	lb		12
Pure V. M. Zinc in Damar, 1 to 5 lb cans	lb		15

MEYER BROTHERS PAINT CO.'S STRICTLY PURE READY-MIXED PAINTS.

Guarantee on each can.

We guarantee the contents of this package to be composed of strictly pure Carbonate of Lead, strictly pure Oxide of Zinc, strictly pure Linseed Oil. Turpentine and Japan, and the coloring matter necessary to produce this shade and nothing else.

They will not chalk, peel or flake off, and, if used according to directions, are guaranteed to give perfect satisfaction. One gallon will cover over 800 square feet of surface two coats.

Price List, Net.

	½ gal.	¼ gal.
Ordinary Shades, including Whites and Black	1 10	1 20
Green (No. 66), or Blue (No. 50)	1 60	1 70
Vermilion (No. 40)	2 00	2 10

5 and 10-gallon cans, 5 cents per gallon less. ½ barrels and barrels, 10 cents per gallon less.

Write for Sample Card.

MEYER BROTHERS PAINT CO.'S CROWN READY-MIXED PAINTS.

Quality Guaranteed.

Price List, Net.

	1 gal.	½ gal.	¼ gal.	⅛ gal.
All ordinary shades including Whites and Black	90	95	1 00	1 15
No. 166 (Green), No. 150 (Blue)	1 25	1 30	1 35	1 50
No. 140 (Vermilion)	1 75	1 80	1 85	2 00

Write for Sample Card.

PAINTS, ETC.—Con'd.

CROWN HOUSEHOLD PAINTS.

Put up in ¼ pints only. 25 shades (see regular Crown Sample Card).

Per doz., any assortment	1 50
Per gross, any assortment	16 00

Discount 50 per cent.

MEYER BROTHERS PAINT CO.'S QUICK-DRYING FLOOR PAINTS.

Liquid Form—Ready for the Brush.

These paints are made of the best cement materials known. They will dry hard over night with an elastic finish. Six desirable, durable colors. Put up in gallon, half-gallon and quart cans.

Price List

	½ gals.	¼ gals.
No. 800, Sandstone	1 50	1 60
No. 202, Venetian Red		
No. 208, Lead Color		
No. 205, Deep Yellow		
No. 90, Tuscan Red		
No. 95, Terra Cotta		

Discount to the trade 40 per cent.

MEYER BROTHERS PAINT CO.'S READY-MIXED CARRIAGE PAINTS.

For painting carriages, sleighs, store fronts, window blinds and sash, iron fences and railings, boats, chairs, lawn seats, flower pots, or any article requiring a handsome gloss without varnishing.

Half-pints	each	30
Pints	each	45
Quarts	each	75
Gallons	each	2 75

Discount to the trade 40 and 10%.

MEYER BROTHERS PAINT CO.'S READY-MIXED WAGON AND IMPLEMENT PAINTS

Are guaranteed better than any other make in the market, and equal to some so-called carriage paint.

Gallons	each 2 10	Discount, 50%
½-Gallons	each 1 10	
Quarts	each 60	
Pints	each 35	

CROWN BARN, BRIDGE AND FENCE PAINTS.

Non-corrosive, fire proof.

Specially adapted to painting tin roofs, iron roofs, bridges, water tank stations, cars, barns, iron tanks, etc. Warranted not to settle. All orders filled with promptness and dispatch.

Prices—Nos. 200, 300, 400, 600, 1903

	gal.
All shades, gallon and ½-gallon cans	1 20
All shades, 5 and 10-gallon cans	1 10
All shades, ½ barrels	1 00
All shades, barrels	1 00

Discount to the trade 50 per cent.

Write for Sample Card.

KARBIRON BLACK DIAMOND ROOF AND IRON PAINT.

Black only.

It won't Crack, Blister, Run or Scale. It is Water-Proof, Spark-Proof, Rust-Proof, Elastic. Ready mixed.

If too thick, can be thinned with Turpentine.

Price of Paint, (including package.)

Barrel, 50 to 55 gallons	gal	70
½-Barrel, 27 to 35 gallons	gal	75
10-gallon Cans	gal	80
1-gallon Can	gal	90

Discount, 50%.

PAINTS, ETC.—Con'd.

MEYER BROTHERS PAINT CO.'S

Cold or Hot Water Kalsomine or Wall Finish, White and Ten Popular Tints.

White, in bbls., 250 lbs..... ....lb 08
White, in half-bbls., 125 lbs.....lb 08½
White, in 5-lb. packs .....lb 09
Colors, in half-bbls., 125 lbs.....lb 10
Colors, in 5-pound packs .....lb 11

20 packs, 5 lbs. each, in a case.
Discount 50 and 15%.

JOHN W. MASURY AND SON'S GLOSS CARRIAGE COLORS.

Quick drying, easy working; good covering qualities ready for application.

These paints dry hard and smooth with a brilliant lustre, wear well without the use of a coat of varnish.

SHADES.	Qts.	Pts.	½ Pts
Tuscan Red, Coach Painter's Gr'n, Claret, Bronze Green, Lemon Chrome, Deep Blue, Wine Color, Ivory Black, Vermillion, Carmine	1 15	65	45
	1 50	85	55

Discount 60%. Sample cards on application.

M. B. DIAMOND FLOOR OIL.

ANTI-DUST.

It prevents dust from rising from the floor.

1 gallon cans.....gal. net 1 00
5 " " .....gal. net 80
10 " " .....gal. net 70

Discount 40%

MASURY'S OIL WOOD STAINS.

Will produce perfect imitations of the natural wood, and will cover more surface than any other wood stain.

	1 gal. tins. gal.	½ gal. tins. gal.	qts. gal.	Pts. gal.	½ pts gal.
Cherry, Light Oak, Dark Oak, Antique Oak, Mahogany, Ebony, Walnut, Ash, Chestnut	2 25	2 40	2 50	2 65	2 80
Rosewood	2 55	2 70	2 80	2 95	3 01

Discount 40%.

MASURY'S VARNISH WOOD STAINS

	½ gal. cans. each	qt. cans. each	1 pt. cans. each	½ cans. each
Cherry, Oak, Mahogany, Ebony, Walnut, Rosewood	1 80	70c	37c	21c

Discount 30%. Sample cards on application.

FLOOR SHINE

for finishing floors, etc. 8 shades.

Quarts.....net 75
Pints.....net 45

FLOOR WAX—PREPARED.

Butcher's Boston Polish or Hard Wax Finish in 1 lb, 2 lb, 4 lb and 8-lb cans at 60c per lb.

BUTCHER'S LIQUID POLISH.

1 gal .....ea 2 50
½-gal .....ea 1 25
1 quart.....ea 70
1 pint. .....ea 40
½-pint.....ea 25

NO. 3, REVIVER.

1 gal .....ea 2 50
½-gal .....ea 1 25
1 quart.....ea 70
1 pint.....ea 40
½-pint.....ea 25

Discount 20%

JOHNSON'S.

1 lb and 2-lb cans .....per lb net 80
4 lb, 5 lb and 8-lb cans....per lb net 80

PAINTS, ETC.—Con'd.

MEYER BROTHERS PAINT CO.'S PAINTERS' COLORS IN OIL.

Cans and Kegs. For Painters' Use.

	100-lb kegs.	25-lb cans.	12½-lb cans.
YELLOWS.			
S. P. Yellow Ochre	5¾	6	6¼
Pure " "	4¾	5	5¼
Eagle " "	3¾	4	4¼
S. P. Golden Ochre	5¾	6	6¼
Pure " "	4¾	5	5¼
Eagle " "	3¾	4	4¼
REDS.			
S. P. Venetian Red	5¾	6	6¼
Pure " "	4¾	5	5¼
Eagle " "	3¾	4	4¼
S. P. Tuscan Red	13¾	14	14¼
Pure " "	10¾	11	11¼
Pure Italian Red	4¾	5	5¼
S. P. Indian "	11¾	12	12¼
WHITE AND GRAY.			
S. P. Gray Ochre	4¾	5	5¼
Eagle Gray Ochre	3¾	4	4¼
White Ochre	4¾	5	5¼
MINERALS.			
Pure Prince's Mineral	4¾	5	5¼
Pure Low's Mineral	4¾	5	5¼
GREENS.			
S. P. Arcadia, L. M. D.	12¼	12½	12¾
Best Chr. Green, L. M. D.	11¾	12	12¼
Best Bottle Green	11¾	12	12¼
Magnesia Green, L. M. D. 1 to 5			15
Magnesia Green, L. M. D. 10 to 25			14
Marseilles Green, L. M. D. 1 to 5			15
Marseilles Green, L. M. D. 10 to 25			14

CLIMAX COLORS IN OIL.

Standard Quality.

Assorted cans, 1s to 5s.

	lb net
BROWNS.	
Raw and Burnt Sienna	08
" " Umber	08
Vandyke Brown	08
BLACKS.	lb net
Coach Black	10
Drop Black	10
Paint Black	08
Lamp Black	10
Ivory Black	10
BLUES.	lb net
Prussian Blue	20
Ultramarine Blue	12
Paint Blue	10
GREENS	lb net
Chrome Green, L. M. & D.	10
REDS.	lb net
Indian Red	10
Tuscan Red	12
Venetian Red	08
Vermilion	11
Red Lead	08
YELLOWS.	lb net
Chrome Yellow, L. M. & D.	11
Yellow Ochre	07
Golden Ochre	08

M. B. DIAMOND BRAND PURE COLORS.

	lb net
BROWNS. Ground in Oil.	
Raw and Burnt Umber	14
" " Sienna	15
Vandyke Brown	15
BLACKS.	lb net
Refined Lamp Black	17
Coach Black	17
Sign Writers' Black	18
Ivory Black	17
Drop Black	17
Lettering Black	18
Blue Black	18
BLUES.	lb net
Prussian Blue	47
" " No. 1.	88
Ultramarine Blue	20
Chinese Blue	51
Azure Blue	88
GREENS.	lb net
Chrome Green, L. M. & D.	17
Blind and Shutter Green, L. M. & D.	17
Quaker or Olive Green L. M. & D.	17
Paris Green	28
Unfading Green	81
Deep Front Door Green	18
French Verdigris	81
Venetian Green	15

PAINTS, ETC.—Con'd.

M. B. DIAMOND BRAND PURE COLORS—Con'd.

	lb net
REDS.	
Indian Red, L. and D.	16
Venetian Red	10
Tuscan Red	18
Royal Red	12
Western Red	81
American Vermilion, L. and D.	28
English Vermilion, L. and D.	....
Rose Pink	21
Rose Lake	86
YELLOWS.	lb net
Chrome Yellow, L. M. O. & D. O	22
Chrome Yellow, No. 1	17
Dutch Pink	21
Eng. Oxford Ochre	11
Yellow Ochre	10
Golden Ochre	14
Stone Ochre	10
GRAINING COLORS.	lb net
Light Oak, Dark Oak, Walnut, Chestnut, Ash	14
DISTEMPER COLORS.	lb net
Pure Burnt Ital. Sienna, in bot.	
" Raw " "	
" Burnt Turkey Umber, "	
" Raw " "	18
" Ivory Drop Black, "	
" Pure Vandyke Brown, "	

MASURY'S SUPERFINE COACH PAINTERS' COLORS.

For Coach, Carriage and Car Work. These colors are ground in Japan and will dry at once.

	lb net
BLACKS.	
Ivory Jet Black	40
" Black	82
Coach Painters' Drop Black	26
" " " special C	22
Lamp Black	22
REDS.	lb net
Tuscan Red, L. & D.	80
Royal Red	19
Aurora Red	75
Indian Red	27
Western Red	40
One-Coat Scarlet	50
" Claret	87
American Vermilion, L. and D.	84
Eureka Vermilion	40
English " L. and D.	..
Wine Color	82
" " No. 1	27
Rose Pink	82
Road Cart Red	42
1894 Red	82
Garnet	27
BROWNS.	lb net
Raw and Burnt Turkey Umber	26
Ohio Brown, L. and D	80
Corsican Brown	87
Coach Painters' Brown, L. & D.	80
Imperial Brown, L. and D.	80
Vandyke Brown	27
Portland "	88
Amber "	88
Portland Amber	88
Baldwin Brown	88
Raw and Burnt Italian Sienna	27
Russet, Light	28
" Deep	28
BLUES.	lb net
Chinese Blue	75
Ultramarine Blue	60
Prussian Blue	75
Cobalt "	1 00
Perfect "	1 00
Azure "	80
Cerulean "	75
Mazarine "	60
Plum Color	87
Turquoise Blue	88

PAINTS, ETC.—Con'd.

MASURY'S C. P. COLORS—Con'd.

WHITES.	lb net
Zinc White	26
Silver White	27
Flake White	87
Chremnitz White	87

GREENS.	lb net
Quaker Green, L. M. and D.	87
Coach Painters' Green, L. L., L. M. and D.	82
Very Deep Green	60
Brewster " L. and D	82
Merrimac " L. M. and D.	28
Royal Green, L. and D.	26
Milori " L. M. and D.	60
New "	40
Brilliant Green	40
Masury's " L. M. and D.	60
Nile "	1 00
Invincible Green	50
Blue "	87
Sap "	88
Persian "	87
Moss "	82
Russian "	82

YELLOWS.	lb net
French Chrome Yellow	50
Chrome Yellow, LL., L. M. O. & DO.	82
Perfect Yellow	2 00
Citron "	87
Naples " L. and D.	75
Oriental "	87
Primrose "	40
Dutch Pink	87
Golden Ochre	25
English Oxford Ochre	20
Imitation of Gold, for striping	50
Car Body Color	20
Pullman Stand'd Car Body Color	25
Colonial Yellow	87
Albion Drab	87

LAKES.

	lb net
Chatumuc Lake	60
Red Lake, A	1 00
" " B	1 40
Brilliant Lake, A	2 00
" " B	2 25
New Lake	2 10
Carriage Park Lake	45
Scarlet Lake	2 75
Perfect Purple	1 60
One X Purple Lake	2 20
Magenta Lake	2 20
English Crimson Lake, A	2 70
English Crimson Lake, B	2 90
Carmine Lake, A	1 85
" " B	2 60
" Red	4 00
Opaque Carmine	1 60
English Scarlet Lake, C	2 70
" " " B	2 40
" " " A	2 20
" Purple "	3 00
" " B, deep and extra deep	2 75
Munich Lake, B	2 40
" " A	2 00
American Crimson Lake B	1 50
" " " A	1 10
Carmine No. 40, L. & D., 1 lb, ½ lb and ¼ lb cans	6 00
Carmine No. 40, in 2 & 4 oz tubes.	6 50
Imitation Carmine	1 50
Carmine Brown	2 25
Yellow Lake, A	1 50
" " B	1 85
Rose Lake, A	60
" " B	75

CAMPBELL'S VARNISH STAINS.

	pts	½ pts	¼ pts
Cherry, Walnut, Mahogany, Light Oak, Rosewood, Dark Oak	50	30	15

Discount 30%.

PAINTS, ETC.—Con'd.

SENOUR'S OIL STAIN.

	gals.	½ gals.	qts.	pts.	½ pts.
Walnut	1 75	1 00	55	30	20
Cherry	1 75	1 00	55	30	20
Mahgny	1 75	1 00	55	30	20
Rosew'd	1 75	1 00	55	30	20
Oak	1 75	1 00	55	30	20

Discount 33⅓%.

SENOUR'S FLOOR PAINTS.

Six Shades.	net
1 gal Cans, each	1 00
½ gal Cans, gal	1 05
Quart Cans, gal	1 10

DRY COLORS.

BLACKS.	lb	
Lamp, coml., 1s, bbl.	lb	05
Lamp, coml., 1s less quan.	lb	06 @08
Lamp, coml., ½s, bbl	lb	07
Lamp, coml., ½s, less quan	lb	08 @10
Lamp, coml., ¼s, bbl	lb	09
Lamp, coml., ¼s, less quan	lb	10 @12
Lamp, coml., assorted, bbl	lb	07
Lamp, Germantown, 1s, bbl	lb	10
Lamp, Germ'nt'n, less quan.	lb	11 @12
Lamp, Germ'nt'n, ½s, bbl.	lb	12
Lamp, Germ'nt'n, less quan.	lb	13 @14
Lamp, Germant'n, ¼s, bbl.	lb	14
Lamp, Germ'nt, n, less quan.	lb	15 @16
Lamp, Germantown, ass'td	lb	12
Lamp, Eddy's, 1s, bbl.	lb	20
Lamp, Eddy's, ½s, bbl.	lb	22
Lamp, Eddy's, ¼s, bbl.	lb	25
Lamp, Eddy's, assorted.	lb	28
Lamp, Black Lead	lb	06
Lamp, Drop Black, English	lb	12
Lamp, Ivory Black	lb	06

BLUES.	lb	
Celestial Blue	lb	8
Chinese Blue, lump & pow'd	lb	55
Soluble	lb	45
Cobalt	lb	25
A, Prussian Blue, pure	lb	45
B, " "	lb	40
C, " "	lb	30
Ultramar. Blue, A. A. 28-lb bxs	lb	19
" " H.M. " "	lb	12
" " A.B. " "	lb	8
" " X.X. " "	lb	6

BROWNS.	lb	
Umbers.		
American, Raw	lb	03
" Burnt	lb	03
Turkey, Raw	lb	05
" Burnt	lb	05
Siennas.		
American, Raw	lb	03
" Burnt	lb	03
Italian, Raw	lb	08
" Burnt	lb	08
Vandyke Brown	lb	05
Spanish Brown (in barrels)	lb	01¼

PAINTS, ETC.—Con'd.

DRY COLORS—Con'd.

MINERAL PAINTS.	lb	
Prince's Mineral, in bbls.	lb	01½
Lowe's Mineral, in bbls	lb	¾
Missouri Mineral, in bbls.	lb	¾
White Primer, in bbls.	lb	01¼
Cottage Gray, in bbls	lb	01
French Gray, in bbls.	lb	01

GREENS.	lb	
Chrome Green,		
A, pure, in bulk, L. M. D.	lb	10
A, " in 6-lb cans, L.M.D	lb	12
B, superior, in bulk, L.M.D	lb	08
B, " in 6-lb cans, L. M.D.	lb	10
C, extra, in bulk, L. M. D.	lb	06
C, " in 6-lb cans, L.M.D	lb	08
Magnesia Green, in bulk, L.M. D.	lb	12
Magnesia Green, 6-lb cans, L.M. D.	lb	14
Marseilles Green, in bulk	lb	18
" " in 6-lb cans	lb	15
Versailles Green, in bulk, L. M. D.	lb	10
Parisian Green, in bulk	lb	12
Bottle Green, in bulk, M. & D.	lb	10
Ultramarine Green, L. & D.	lb	30
Quaker Green, L. & D.	lb	12
Paris Green,		
Arsenic, kegs	lb	Market Price
100 to 175-lb kegs	lb	
14, 28 and 56-lb kits.	lb	
2 to 5-lb paper bxs.	lb	
1-lb paper boxes	lb	
½-lb " "	lb	
¼-lb " "	lb	

REDS.	lb	
Indian Red, American	lb	06
" " English	lb	10
Turkey " "	lb	20
Tuscan " "	lb	15
" " Superior	lb	10
Venetian Red, American	lb	¾
" " Cookson Shade.	lb	01½
" " Crown	lb	01¼
" " Westmoreland	lb	01½
Vermilion,		
American, in bulk	lb	14
" in 6-lb cans	lb	16
Chinese		Market Price
English, L. & D.		Market Price
Alaska, in bulk	lb	12
" in 6-lb cans	lb	14
Almaden, in bulk	lb	16
" in 6-lb cans	lb	18
Oreole, in bulk	lb	28
" in 6-lb cans	lb	25
Rose Pink	lb	10

WHITES.	lb	
Flake White.	lb	20
Silver White (in bbls)	lb	1¼
Zinc White	lb	05
White Ochre (in bbls)	lb	01¼
Dry White Lead		Market Price 100 lbs
Paris White, English Cliffstone bbls.		1 00
Whiting, Ex. Gilders, bbls.		85
" Commercial, bbls		75
Whiteners' Clay, screened, bbls		80
" Clay, pow'd, bbls		1 10
White Chalk, lump, bbls		90
Whiteners' Soap	lb	06

YELLOWS.	lb	
Chrome Yellows,		
A, pure, in bulk, L. M. & D.	lb	15
A, " 6-lb cans, L. M. & D.	lb	17
B, superior, in bulk, L. M. & D.	lb	11
B, superior, 6-lb cans, L. M. & D.	lb	13
C, extra, in bulk, L. M. & D.	lb	07
C, " 6-lb cans, L. M. & D.	lb	09
Dutch Pink; powdered	lb	10
Ochres, American (bbls)	lb	¾
" Bermuda (bbls)	lb	01¼
" Floated (bbls)	lb	¾
" Golden (bbls)	lb	01½
" Rochelle (bbls)	lb	02¼

PAINTS, ETC.—Con'd.

PUTTY.

		Strictly Pure.	Com'l
In bladders (bbls)	lb	02½	02
In bladders (100-lb cases)	lb	02½	02¼
100 and 50-lb cans	lb	02½	02¼
25-lb cans	lb	02¾	02½
12½-lb cans	lb	03	02¾
1 to 5-lb cans	lb	05	04½
50-lb buckets	lb	02¼	02
Bulk in bbls	lb	02	01¾

SMALTS.

Black Raven	lb	08
Black velvet, extra	lb	07
Black standard	lb	06
Blue, extra	lb	12
Blue Ultramarine, extra	lb	10
Blue German Glass	lb	20
Brown, extra	lb	08
Green Bottle	lb	10
Green Chrome, extra	lb	08
Crimson, extra	lb	12
Maroon, extra	lb	08
Old Gold	lb	12
Paris Green, extra	lb	12
Purple, extra	lb	12
Scarlet, extra	lb	12
Vermilion, extra	lb	12
Steel, extra	lb	10
FROSTINGS, White	lb	40

HARDWARE.

PUTTY KNIVES.

No. 120, sq. point, stiff or elas.	dz	1 35
" 800, " " "	dz	1 50
" 980, " " "	dz	1 75
" 908, " " "	dz	3 00
" 1001, Iron handle	dz	1 00

SCRAPING KNIVES.

No. 1540, 2 inches wide.	doz	3 00
" 525, 3½ " "	doz	4 00
" 525, 3 " "	doz	5 00
" 525, 3½ " "	doz	6 00
" 525, 4 " "	doz	7 00
Pope's, 3 inch	doz	1 50
Wall, 3-inch, to use with large handle.	doz	2 25

GILDERS' KNIVES.

No. 15, Cocoa Handles, single edge	doz	5 00
No. 18, Cocoa Handles, double edge	doz	6 00
HACKING KNIVES, No. 0	doz	3 50

ARTISTS' PALETTE KNIVES.

3 inch	doz	2 50
3½ inch	doz	2 75
4 inch	doz	3 00
4½ inch	doz	3 50
5 inch	doz	4 00

PAINTERS' SPATULAS.

3 inch	doz	1 80
4 inch	doz	2 00
5 inch	doz	2 40
6 inch	doz	3 00
7 inch	doz	3 75
8 inch	doz	4 75
9 inch	doz	7 00
10 inch	doz	7 80
11 inch	doz	10 50
12 inch	doz	12 00

GRAINING COMBS.

Taylor's, in cases	set	1 20
Leather, sets of 5	set	50
Separate Steel Combs, 1 to 6 in.	in	06
Rubber for Combs	lb	1 50

PAINTS, ETC.—Con'd.

PAPER-HANGERS' TOOLS.

Ridgley Trimmers, 6 ft. com.	ea	5 00
Knives, No. 5	ea	25
Shears, 12 in	ea	1 00
Shears, 14 in	ea	1 50

ROLLERS.

Rosewood, 1¼ in	ea	30
Boxwood, 2 in	ea	35
Boxwood, 3 in	ea	50

GLAZIERS' DIAMONDS.

Cocoa Handles	ea	4 00
Ebony Handles	ea	2 75
Ivory Handles	ea	5 50
Snake Handles	ea	5 00
Patent Universal	ea	3 25
Steel Glass Cutters	doz	75
For circles, 3 and 20	ea	75
Rotary	ea	2 50

PAINT POTS.

Large	doz	3 00
Small	doz	2 75
Painters' Bellows	doz	2 00
Globe Burners	ea	4 00
Tubes for Globe Burners	ea	2 00
Paint Mills, No. 2, 1 gallon	ea	7 00
" " " 3, ½ "	ea	6 00

GLAZIERS' POINTS, ZINC.

SHARPS OR TRIANGLES, NO. 3 to 000.

Per case of 100 papers	6 00
Per dozen papers	80

SIGN PLATES.

IRON SIGNS, BLACK.

10x14, single, light	doz	1 25
10x14, " heavy	doz	2 00
12x17, " "	doz	4 00
14x20, " "	doz	5 00
18x24, " "	doz	7 75
10x14, both sides	doz	2 75
12x17, "	doz	5 25
14x20, "	doz	6 70
18x24, "	doz	10 30
10x14, " with ears	doz	3 00
12x17, " "	doz	5 75
14x20, " "	doz	7 25
18x24 " "	doz	11 25

Discount 20%

RUBBING MATERIALS.

SANDPAPER, FLINT.

Assorted, Union Mills	ream	5 00
Nos. 00 to 1½ "	ream	5 00
" 2	ream	5 50
" 2½	ream	6 00
" 3	ream	6 50
Star, Ordinary	ream	4 25

Discount 50%

EMERY PAPER.

Assorted	ream	7 00
Nos. 00 to 1½	ream	7 00
No. 2	ream	8 00
" 2½	ream	10 00
" 3	ream	12 00

Discount 50%

EMERY CLOTH.

Assorted	ream	20 00
Nos. 00 to 1½	ream	20 00
No. 2	ream	22 00
No. 3½	ream	26 00
No. 3	ream	28 00

Discount 50%.

PAINTS, ETC.—Con'd.

EMERY FLOUR.

Emery Flour	lb	05
Emery Grain (all numbers)	lb	07

PUMICE STONE.

Lump Com	lb	08
Lump, B. C	lb	12
Powdered	each	05
Compressed, 2-lb bricks	each	25
Eureka Rubbing Stone in blocks	each	15
Rotten Stone, Lump	lb	10
Rotten Stone, Powdered	lb	09
Rubbing Felt	lb	2 50
Rubbing Felt	sheet	60
Hair Rubbers (for fillers)	each	25
Felt Rubbers (for fillers)	each	25

MEYER BROTHERS PAINT CO.'S LIQUID SLATING.

FOR BLACKBOARDS.

1 Gallon Cans	each	3 00
½ Gallon Cans	each	1 65
Quart Cans	each	90
Pint Cans	each	60
½-Pint Cans	each	40

Satisfaction guaranteed. Discount, 50%.

GILDERS' MATERIALS.

BRONZE POWDERS.

No. 500 Rich or Pale Gold, Silver or Copper	lb	65
No. 1,000 Rich or Pale Gold, Silver or Copper	lb	80
No. 2,000 Rich or Pale Gold, Silver or Copper	lb	90
No. 3,000 Rich or Pale Gold, Silver or Copper	lb	1 00
No. 4,000 Rich or Pale Gold, Silver or Copper	lb	1 10
No. 5,000 Rich or Pale Gold, Silver or Copper	lb	1 20
No. 6,000 Rich or Pale Gold, Silver or Copper	lb	1 30
No. 10,000 Rich or Pale Gold, Silver or Copper	lb	2 00
No. 1 Lining	lb	2 50
French Gold Leaf	oz	35
Coach Painters' Striping	oz	50
Aluminum	oz	25

LEAFS.

Gold Leaf, XX, Deep pack	M'k't Price.	
" Usual pack	"	"
" Patent pack	"	"
Silver Leaf	pack	1 50
Aluminum Leaf	pack	1 50
Dutch Metal, Yellow	pack	3 00
" " White	pack	3 00

"STAR" ENAMEL.

¼ pint Cans, put up in 1 doz. partition boxes	net doz	$1 20
½ pint Cans, put up in 1 doz. partition boxes	net doz	1 75
1 pint Cans, put up in ½ doz. partition boxes	net doz	3 25
1 gallon Cans	net gallon	2 00

"STAR" BATH-TUB ENAMEL.

½ pint Cans, put up in 1 doz. partition boxes	net doz	$2 40
1 pint Cans, put up in ½ doz. partition boxes	net doz	4 50
1 gallon Cans	net gallon	8 00

Attractive show card furnished gratis with every order.

JAPANESE GOLD PAINT.

		doz
Japanese Gold (ready-mixed)	sml	1 50
" " " "	large	3 00
" Silver "	" small	1 50
" Copper "	" "	1 50
" Green "	" "	1 50

"OUR FAVORITE" WASHABLE GOLD ENAMEL.

Large size	per doz	$ 2 75
Regular size	per doz	1 50

PAINTS, ETC.—Con'd.

MARSCHING'S.

French Gold Paint, small ..... (Liquid and bronze separate)	2 00
French Gold Paint, large ..... (Bronze powder only)	8 50
French Gold Paint, liquid..... (Liquid only)	1 25
Diamond Gold Paint, small size. Ready mixed)	75

METALICS.

Gold and Copper..... lb	1 50
Silver..... lb	1 80
Colors..... lb	2 20

PEARL.

Aurora..... oz	40
Crushed ..... lb	75

GILDERS' CUSHIONS.

Small..... each	90
Large ..... each	1 00

GOLD SIZE.

Oil, ½ and 1-lb. bottles..... lb	1 00
Japan, 2-oz. bottles..... doz	2 50

GOLD PAINT LIQUID.

Ordinary ..... gal	1 50
Heat Test..... gal	2 00
2-oz. bottles..... doz	1 25

CROWN LIQUID FILLER.

For filling Pine, Cherry, Birch, Maple, Poplar, Cedar, Red Wood, and all close-grained woods.

Price per gal.

	Barrels.	Half bbls.	10-gal. cans	5-gal. cans or 2-5's in case.	Gallons.	Half-gals.	Quarts.	Pints.	Half Pints.
Crown Liquid Filler	1 30	1 35		1 45	1 50	1 55	1 60	1 65	1 75
Light Oak				1 55	1 60	1 65	1 70	1 75	1 85
Dark Oak				1 55	1 60	1 65	1 70	1 75	1 85
Walnut				1 55	1 60	1 65	1 70	1 75	1 85
Mohogany				1 55	1 60	1 65	1 70	1 75	1 85
Ebony				1 55	1 60	1 65	1 70	1 75	1

Discount 25%.

WHEELER'S WOOD FILLER PASTE.

For light woods, order Light or No. 1.
For dark woods, order Dark or No. 3.

1 and 2-lb cans..... lb	20
5-lb cans..... lb	16
10-lb cans..... lb	15
25-lb cans..... lb	12

GLUES.

Brown, common ..... lb	09
Brown, No. 3, Carpenters..... lb	11
Brown, No. 2, " ..... lb	13
Brown, No. 1, " ..... lb	15
Irish, genuine..... lb	18
English Ribbon, L. & D..... lb	15
Masonic Medal Sheets..... lb	16
Carriage Makers' Noodle, No. 1. lb	20
" " " No. 2. lb	15
Extra, powdered, No. 1..... lb	16
Common, ground, No. 3..... lb	11
Buffalo, frozen..... lb	16
White, C..... lb	14
" B..... lb	18
" A..... lb	21

PAINTS, ETC.—Con'd.

KALSOMINES.

ALABASTINE, THE DURABLE WALL COATING.

Ready for immediate use by mixing in cold water.

Effective advertising, including tint cards, supplied direct—postal cards being furnished all jobbers, on which to order such matter forwarded to their customers.

List price for all shades 55c per 5-lb. package; white, 50c; shades A and B, 60c per package.

Discount: On less than ten case shipments, 40 %; on ten cases or over, 40 % and 5 %; on less than full case, 35 %.

CROWN VARNISHES—A B C LINE.

EXTERIOR COACH.

	Bbls.	5 and 10 Gals.	1 gal. Cans.	½ gal.	¼ gal.	⅛ gal.	1-16 gal.
A...	$1 80	$1 90	$2 00	$2 10	$2 30	$2 55	$2 80
B...	1 05	1 15	1 25	1 35	1 55	1 80	2 05
C....	75	85	95	1 05	1 25	1 50	1 75

INTERIOR COACH.

A...	1 05	1 15	1 25	1 35	1 55	1 80	2 05
B...	90	1 00	1 10	1 20	1 40	1 65	1 90
C....	75	85	95	1 05	1 25	1 50	1 75

HARD OIL FINISH.

A..	1 05	1 15	1 25	1 35	1 55	1 80	2 05
B...	80	90	1 00	1 10	1 30	1 55	1 80
C....	65	75	85	95	1 15	1 40	1 65

FURNITURE FINISH.

A...	90	1 00	1 10	1 20	1 40	1 65	1 90
B...	75	85	95	1 05	1 25	1 50	1 75
C....	55	65	75	85	1 05	1 30	1 55

OIL SHELLAC.

A...	1 00	1 10	1 20	1 80	1 50	1 75	2 00
B...	85	95	1 05	1 15	1 35	1 60	1 85

FURNITURE RUBBING.

A...	1 05	1 15	1 25	1 35	1 55	1 80	2 05
B....	90	1 00	1 10	1 20	1 40	1 65	1 90

CABINET FLOWING POLISH.

A....	2 40	2 50	2 60	2 70	2 90	3 15	3 40
B....	1 75	1 85	1 95	2 05	2 25	2 50	2 75
C....	1 40	1 50	1 60	1 70	1 90	2 15	2 40

ASPHALTUM VARNISH.

A....	65	75	85	95	1 15	1 40	1 65
B....	45	55	65	75	95	1 20	1 45
C....	30	40	50	60	80	1 05	1 30

DRYING JAPANS.

A...	90	1 00	1 10	1 20	1 40	1 65	1 90
B....	55	65	75	85	1 05	1 30	1 55
C....	30	40	50	60	80	1 05	1 30

DAMAR VARNISH.

A...	1 30	1 40	1 50	1 60	1 80	2 05	2 30
B...	1 10	1 20	1 30	1 40	1 60	1 85	2 10
C....	75	85	95	1 05	1 25	1 50	1 75

FLOOR FINISH.

A...	1 50	1 60	1 70	1 80	2 00	2 25	2 50
B...	1 25	1 35	1 45	1 55	1 75	2 00	2 25

PAINTS, ETC—Con'd.

WEST'S CARRIAGE TOP DRESSING.

No. 1..... doz	3 60
No. 2 or ½ pints ..... doz	4 80
No. 3 or pints..... doz	8 40
No. 4 or quarts..... doz	13 50
½ and 1-gallon cans..... gal	4 00

Discount, 25%.

BERRY BROS.' HARD OIL FINISH.

In 1-gallon cans.

Light..... gal	1 60
Dark ..... gal	1 50
White... ..... gal	2 75

Net Prices.

BERRY BROS.' LIQUID GRANITE.

5-gallon cans..... gal	2 25
1-gallon cans..... gal	2 50
½-gallon cans..... gal	2 60
¼-gallon cans..... gal	2 75
⅛-gallon cans..... gal	2 90

Discount, 15%.

MASURY'S VARNISHES.

In 1-Gallon, ½-Gallon & ¼-Gallon Cans.

FINISHING.

Palest Wearing Body..... gal	6 00
" Medium Drying Body gal	6 00
" Hard Drying Body.. gal	5 50
" Elastic Carriage..... gal	4 50
One-Coat Carriage ..... gal	4 00
Heavy Gear ..... gal	3 50
No. 1 Carriage..... gal	3 00

RUBBING.

Palest Rubbing body..... gal	4 50
Quick Rubbing body..... gal	4 00
Black Rubbing..... gal	4 50
Quick Black Rubbing..... gal	4 00
Hard Dry Rubbing..... gal	4 00

MISCELLANEOUS.

Japan Gold Size .. .. gal	3 00
Coach Painters' Japan ..... gal	1 75
Pale Japan..... gal	1 50
Priming, for first coats..... gal	2 75
Roughstuff ..... lb	15
Priming..... lb	15

Discount, 20%.

In 1s, ¼s, and ½-Gallon Cans.

Buggy Finish..... gal	4 00
Coach Buggy..... gal	3 00
Extra Light Gear..... gal	3 00
No. 1 Gear..... gal	3 00
Clear Rubbing..... gal	3 00
Coach Rubbing..... gal	2 50
Quick Black Color & Varnish. gl	3 00
Japan Dryer ..... gal	1 25

Discount, 20%.

PAINTS, ETC.—Con'd.

VALENTINE & CO.'S VARNISHES

In one gallon cans.

FINISHING.

Wearing Body Varnish	gal.	6 00
Medium " "	gal	6 00
Elastic Gear "	gal	5 00
One-coat Coach "	gal	4 50
One-coat Gear "	gal	3 50

RUBBING.

Hard Drying Body Varnish	gal	5 00
Quick Leveling Varnish	gal	4 00
Black Japan	gal	4 50
Black Color Varnish	gal	4 00

MISCELLANEOUS.

Enameled Leather Varnish	gal	4 00
Quick Black Lacquer	gal	4 00
Japan Gold Size	gal	3 50
Crown Coach Japan	gal	1 75
Dark Permanent Wood Filling	gal	4 00
Light Permanent Wood Filling	gal	4 00
Dark Ground Roughstuff	lb	18
Light " "	lb	18

Net Prices.

STANDARD VARNISH CO.'S SPECIALTIES.

ELASTICA FINISH, No. 1.

5-gallon cans	gal	$3 40
1-gallon cans	gal	3 50
½-gallon cans	each	1 85
¼-gallon cans	each	95
⅛-gallon cans	each	55

ELASTICA FINISH, No. 2.

5-gallon cans	gal	2 40
1-gallon cans	gal	2 50
½-gallon cans	each	1 35
¼-gallon cans	each	70
⅛-gallon cans	each	40

GUTTA PERCHA FLOOR FINISH.

5-gallon cans	gal	2 40
1-gallon cans	gal	2 50
½-gallon cans	each	1 35
¼-gallon cans	each	70
⅛-gallon cans	each	40

GUTTA PERCHA SEAT FINISH.

5-gallon cans	gal	1 90
1-gallon cans	gal	2 00
½-gallon cans	each	1 10
¼-gallon cans	each	60
⅛-gallon cans	each	35

GUTTA PERCHA HARD OIL FINISH.

5-gallon cans	gal	1 40
1-gallon cans	gal	1 50
½-gallon cans	each	85
¼-gallon cans	each	45
⅛-gallon cans	each	30

PAINTS, ETC.—Con'd.

GUTTA PERCHA INTERIOR COACH.

5-gallon cans	gal	1 40
1-gallon cans	gal	1 50
½-gallon cans	each	85
¼-gallon cans	each	45
⅛-gallon cans	each	30

TURPENTINE SHELLAC.

5-gallon cans	gal	1 40
1-gallon cans	gal	1 50
½-gallon cans	each	85
¼-gallon cans	each	45
⅛-gallon cans	each	30

FLATTINE WOOD FINISH.

5-gallon cans	gal	2 40
1-gallon cans	gal	2 50
½-gallon cans	each	1 85
¼-gallon cans	each	70
⅛-gallon cans	each	40

Discount 20 per cent.

LAWSON COACH VARNISHES.

In One Gallon Cans.

FINISHING.

Wearing Body Varnish	gal	4 00
Medium Drying Body Varnish	gl	4 00
Finishing Gear Varnish	gal	3 50
Heavy Gear Varnish	gal	3 00
No. 1 " "	gal	2 50

RUBBING.

Rubbing Body Varnish	gal	3 50
Medium Rubbing Varnish	gal	3 25
Quick " "	gal	3 00
Black " "	gal	3 50
No. 1 " "	gal	2 50
Quick Black Rubbing	gal	3 00
Enameled Leather Varnish	gal	3 00
Coach Japan	gal	1 50
Japan Gold Size	gal	3 00

Discount 20%.

PRATT & LAMBERT'S STANDARD VARNISHES.

No charge for containers.

SPAR FINISHING VARNISH.

½ bbls	gal	$3 60
5-gal. cans	gal	3 65
1-gal. cans	gal	3 80
½-gal. cans	each	1 95
¼-gal. each	each	1 00

No. 38. PRESERVATIVE VARNISH.

½ bbls	gal	2 35
5-gal. cans	gal	2 40
1-gal. cans	gal	2 50
½-gal. cans	each	1 80
¼-gal. cans	each	67

PAINTS, ETC.—Con'd.

No. 110. CABINET VARNISH.

½ bbls	gal	1 85
5-gal. cans	gal	1 90
1-gal. cans	gal	2 00
½-gal. cans	each	1 05
¼-gal. cans	each	58

LIQUID WOOD FILLER.

½ bbls	gal	1 85
5-gal. cans	gal	1 90
1-gal. cans	gal	2 00
½-gal. cans	each	1 05
¼-gal. cans	each	58

HARD OIL FINISH—L. & D.

½ bbls	gal	1 70
5-gal. cans	gal	1 75
1-gal. cans	gal	1 85
½-gal. cans	each	1 00
¼-gal. cans	each	55

NO. 61. FLOOR VARNISH.

Per gallon		2 50

Discount 20 per cent.

MURPHY CO.'S VARNISHES.

In one Gallon Cans.

Palest Durable Body Varnish For Finishing Coats on Best Work.	gal	6 00
Medium Drying Body Varnish Like Foregoing but Hardens more Quickly.	gal	6 00
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One-Coat Carriage Varnish Like Foregoing but not so Fine.	gal	3 50
Enamel Top Varnish For Re-Finishing Old Carriage Tops.	gal	4 00
Hard Drying Body Varnish A Four-Day Rubbing Varnish.	gal	4 50
Rubbing Body Varnish A Three-Day Rubbing Varnish.	gal	4 00
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Japan Gold Size For Binding and Drying Colors	gal	3 50
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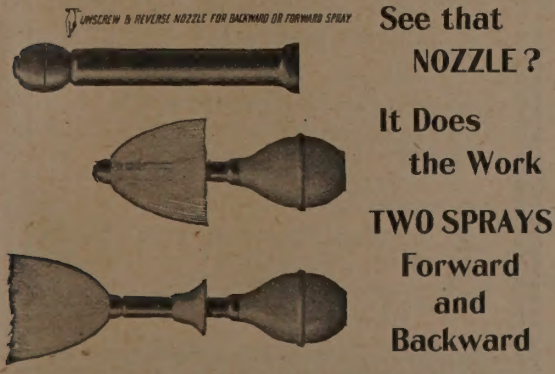

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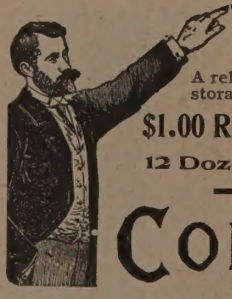

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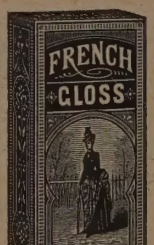

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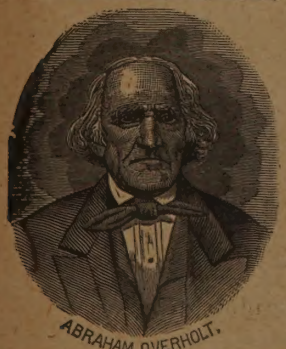

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